



SERVICE MANUAL

S860 | S760

B-Type : D860 | D760



I . SPECIFICATION

1. CAMERA SPECIFICATION

- Image Sensor**
- Type : 1/2.5" CCD
 - Effective Pixel :
 - S860 : Approx. 8.1 Mega-pixel
 - S760 : Approx. 7.2 Mega-pixel
 - Total Pixel :
 - S860 : Approx. 8.3 Mega-pixel
 - S760 : Approx. 7.2 Mega-pixel
-

- Lens**
- Focal Length : SHD Lens f = 6.3 ~ 18.9mm (35mm film equivalent : 38 ~ 114mm)
 - F No. : F2.8(W) ~ F5.2(T)
 - Digital Zoom :
 - Still Image mode : 1.0X ~ 3.0X
 - Play mode : Play mode : 1.0X ~ 12.8X (depends on image size)
-

- LCD Monitor**
- 2.4" color TFT LCD (230,000 dots)
-

- Focusing**
- Type : TTL auto focus (Multi AF, Center AF, Face Detection AF)
 - Range

	Wide(W)	Tele(T)
Normal	80cm ~ Infinity	80cm ~ Infinity
Macro	10cm ~ 80cm	50cm ~ 80c
Auto Macro	50cm ~ Infinity	50cm ~ Infinity

- Shutter**
- Speed 1~1/2,000 sec. (Manual / Night : 8~1/2,000 sec., Firework : 4 sec.)
-

- Exposure**
- Control : Program AE
 - Metering : Multi, Spot, Face Detection AE
 - Compensation : ± 2 EV (1/3EV steps)
 - ISO : Auto, 80, 100, 200, 400, 800, 1000
-

- Flash**
- Modes : Auto, Auto & Red-eye reduction, Fill-in flash, Slow sync, Flash off
 - Range : Wide : 0.3m ~ 4.0m,
Tele : 0.5m ~ 2.1m
 - Recharging Time : Approx. 5.5 sec
-

- Sharpness**
- Soft+, Soft, Normal, Vivid, Vivid+
-

- Color Effect**
- Normal, B&W, Sepia, Red, Green, Blue, Negative, Custom Color
-

- White Balance**
- Auto, Daylight, Cloudy, Fluorescent_H, Fluorescent_L, Tungsten, Custom
-

- Voice Recording**
- Voice Recording (max. 10 hours)
 - Voice Memo in Still Image (max. 10 sec.)
-

Date Imprinting







- Date, Date & Time, Off (user selectable)

Shooting







- Still Image :
 - Mode : Auto, Program, Manual, DIS, Photo Help Guide , Portrait, Scene
 - Scene : Night, Children, Landscape, Close-up, Text, Sunset, Dawn, Backlight, Firework, Beach & Snow
 - Self-timer : 10 sec., 2 sec., Double, Motion Timer
- Movie Clip :
 - With Audio (recording time : memory capacity dependent)
 - Size : 640x480, 320x240
 - Frame rate : 30 fps, 15 fps
 - 3X Optical Zoom and Mute in Zooming
 - Movie Editing (Embedded) : Pause during recording, Still Image Capture

Storage

- Media :
 - Internal memory : About 11MB flash memory
 - External Memory (Optional) : MMC card (Up to 1GB guaranteed)
SD card (Up to 2GB guaranteed)
SDHC card (Up to 4GB guaranteed)
- File Format :
 - Still Image : JPEG (DCF), EXIF 2.2, DPOF 1.1, PictBridge 1.0
 - Movie Clip : AVI (MJPEG)
 - Audio : WAV
- Image Size
 - S860

					
3264X2448	3264X2176	3264X1836	2592X1944	2048X1536	1024X768

- S760

					
3072X2304	3072X2048	3072X1728	2592X1944	2048X1536	1024X768

I . SPECIFICATION

- Capacity (256 MB Size)

• S860

	8M	7M	6M	5M	3M	1M
Super Fine	About 58	About 64	About 76	About 91	About 140	About 459
Fine	About 83	About 132	About 151	About 179	About 269	About 600
Normal	About 118	About 186	About 195	About 252	About 372	About 744

• S760

	7M	6M	5M	5M	3M	1M
Super Fine	About 65	About 74	About 88	About 88	About 140	About 538
Fine	About 130	About 147	About 173	About 173	About 274	About 710
Normal	About 190	About 205	About 248	About 248	About 372	About 744

※ These figures are measured under Samsung's standard conditions and may vary depending on shooting conditions and camera settings.

"E" Button

- Effect : Color
- Editing : Resize, Rotate, Color

Image Play

- Type : Single image, Thumbnails, Multi Slide Show, Movie Clip

Interface

- Digital output connector : USB 2.0
- Audio : Mono
- Video output : NTSC, PAL (user selectable)
- DC Adapter : 3.3V

Power Source

- Primary Battery : 2 X AA Alkaline
- Rechargeable battery (Optional) : SNB-2512B KIT(2xAA Ni-MH Battery & Charger)
- ※ Included battery may vary depending on sales region.

Dimensions (WxHxD)

- 93 X 62 X 26.5mm (excluding protrusions)

Weight

- Approx. 123g (without batteries and card)

Operating Temperature

- 0 ~ 40° C

Operating Humidity

- 5 ~ 85%

Software

- Samsung Master, Adobe Reader

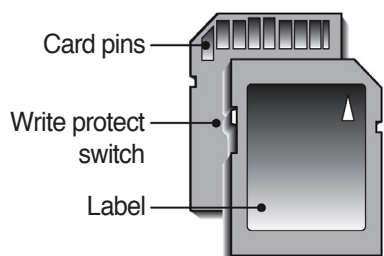
2. System Requirements

For Windows	For Macintosh
PC with processor better than Pentium 450MHz (Pentium 800MHz recommended)	Power Mac G3 or later
Windows 98SE / 2000 / ME / XP/Vista	Mac OS 9.2 ~ 10.4
Minimum 128MB RAM (Over 512MB recommended) 200MB of available hard disk space (Over 1GB recommend)	Minimum 64MB RAM (Over 256MB recommended) 110MB of available hard-disk space
USB port	USB port
CD-ROM drive	CD-ROM drive
1024x768 pixels, 16bit color display compatible monitor (24bit color display recommended) MicroSoft DirectX 9.0C	

I . SPECIFICATION

3. The capacities of the memory card

The camera can use SD/SDHC Memory Cards and MMC (Multi Media Cards).



[SD (Secure Digital) memory card]

- The SD/SDHC memory card has a write protect switch that prevents image files from being deleted or formatted. By sliding the switch to the bottom of the SD/SDHC memory card, the data will be protected. By sliding the switch to the top of the SD/SDHC memory card, the data protection will be cancelled.
- Slide the switch to the top of the SD/SDHC memory card before taking a picture.

When using a 256MB MMC memory, the specified shooting capacity will be as follows. These figures are approximate as image capacities can be affected by variables such as subject matter and memory card type.

- S860

Recorded image size		Super Fine	Fine	Normal	30FPS	15FPS
Still image	8M	About 58	About 83	About 118		
	7M	About 64	About 132	About 186		
	6M	About 76	About 151	About 195		
	5M	About 91	About 179	About 252		
	3M	About 140	About 269	About 372		
	1M	About 459	About 600	About 744		
*Movie clip	640				About 00:02:03	About 00:04:07
	320				About 00:07:44	About 00:13:24

- S760

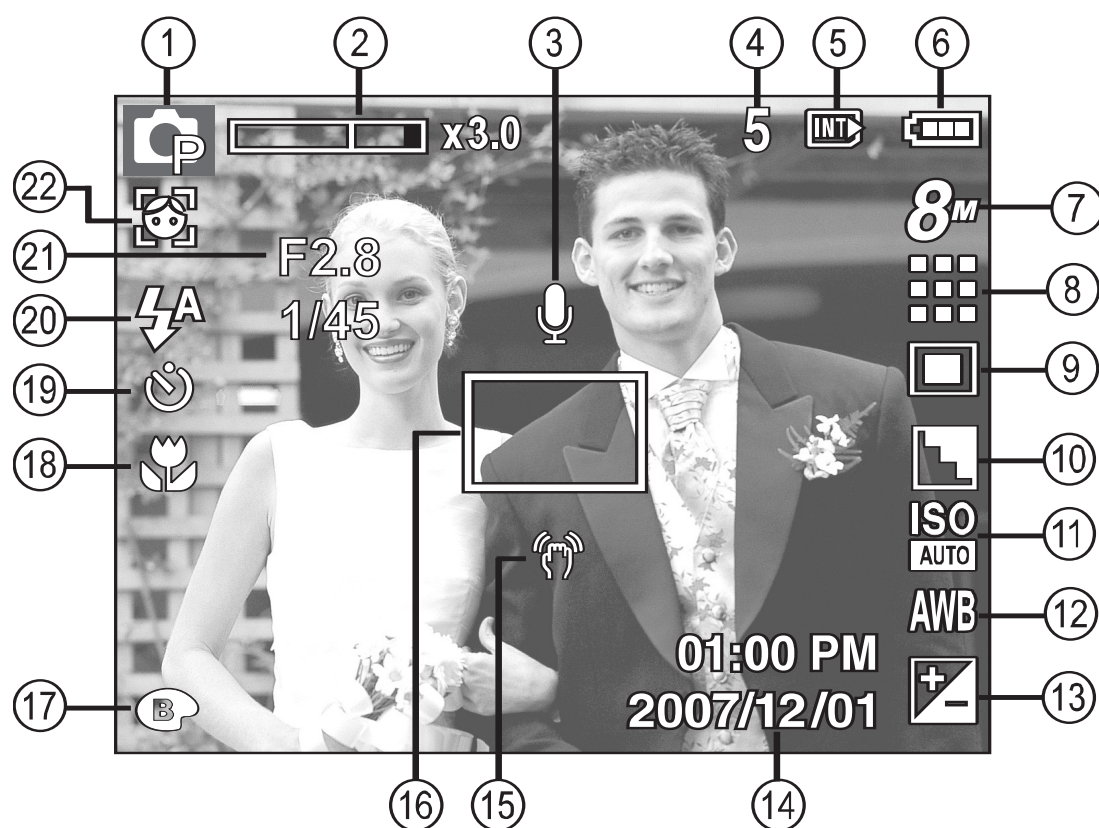
Recorded image size		Super Fine	Fine	Normal	30FPS	15FPS
Still image	7M	About 65	About 130	About 190		
	6M	About 74	About 147	About 205		
	5M	About 88	About 173	About 248		
	5M	About 88	About 173	About 248		
	3M	About 140	About 274	About 372		
	1M	About 538	About 710	About 744		
*Movie clip	640				About 00:02:03	About 00:04:07
	320				About 00:07:44	About 00:13:24



- The zoom button doesn't function during the movie recording.
- The recording times can be changed by the zoom operation.

4. LCD monitor indicator

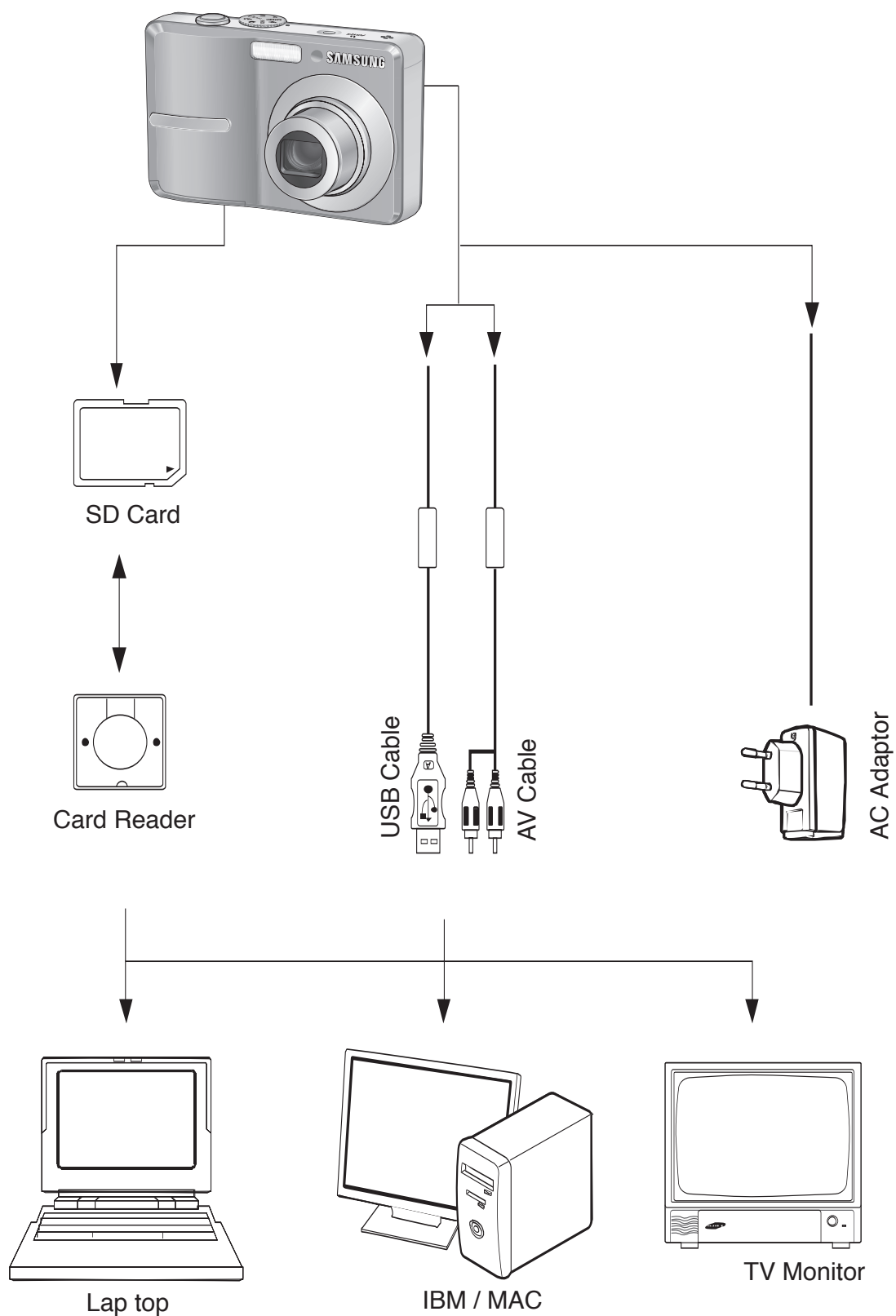
■ Recording mode



[Image & Full Status]

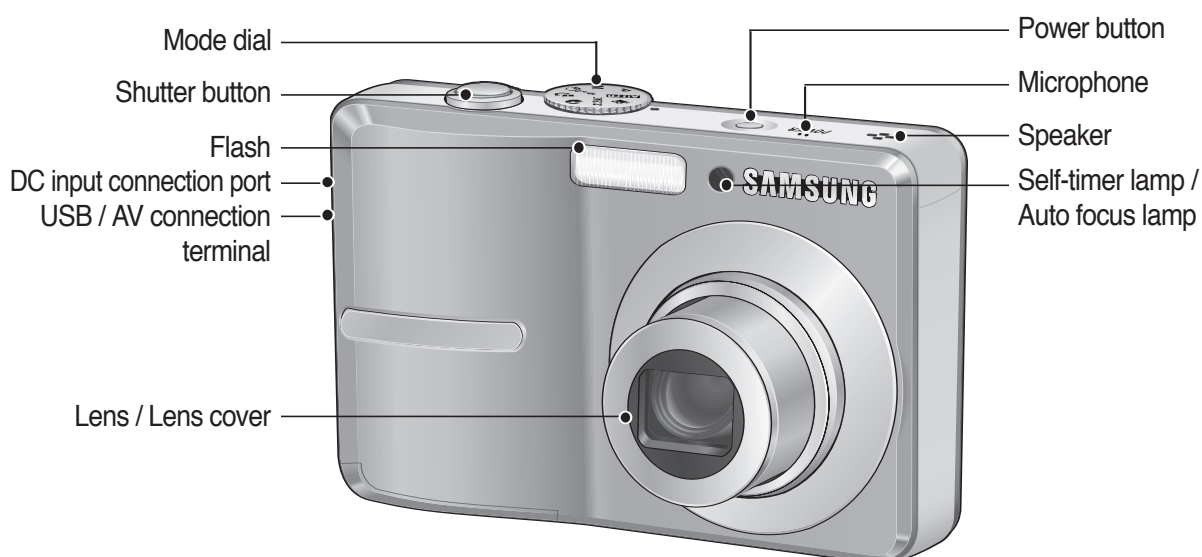
I . SPECIFICATION

5. CONNECTION DIAGRAM

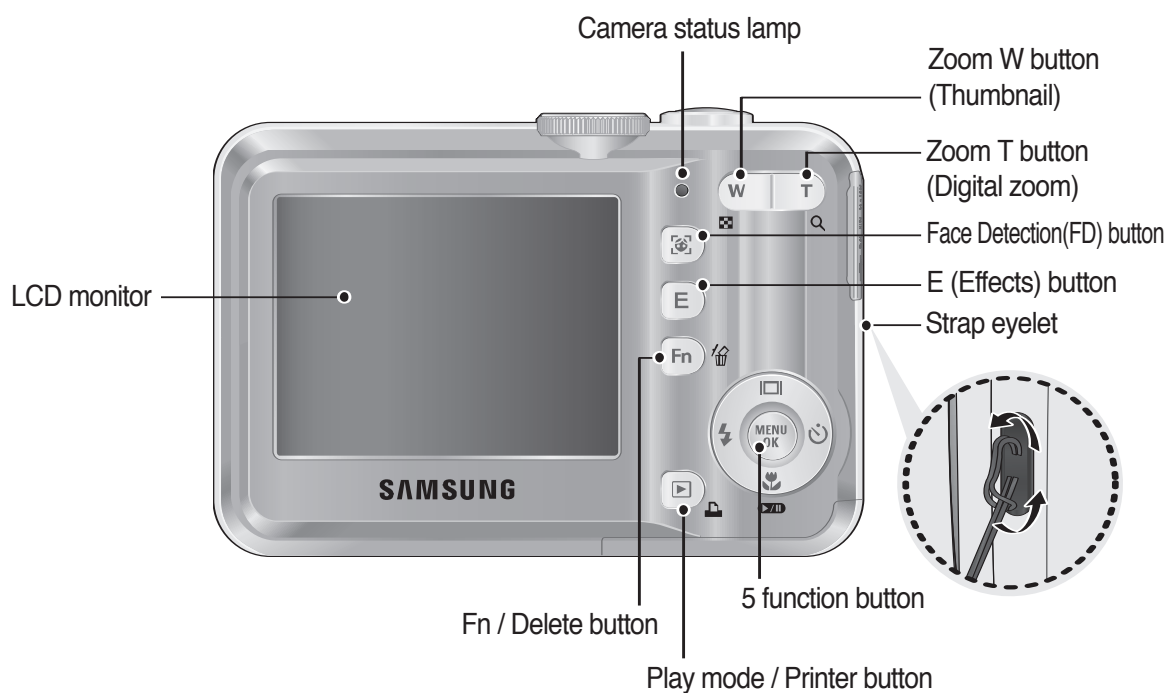


6. IDENTIFICATION OF FEATURES

Front & Top

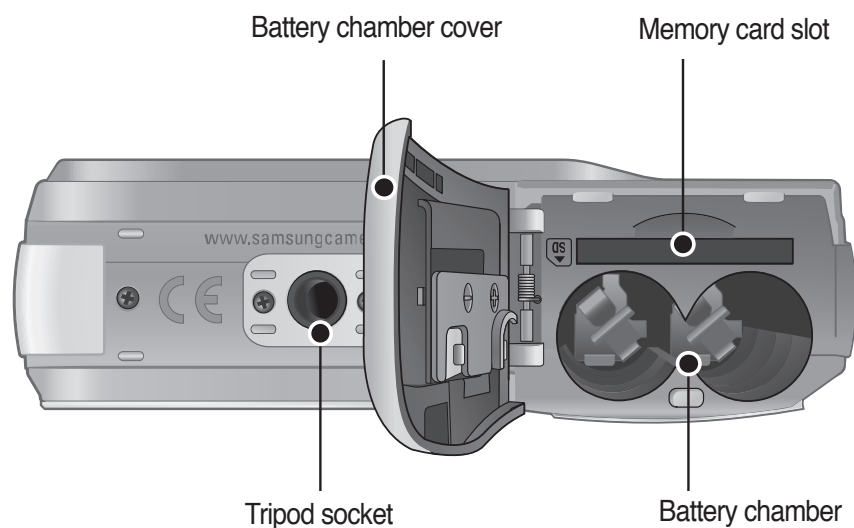


Back & Bottom

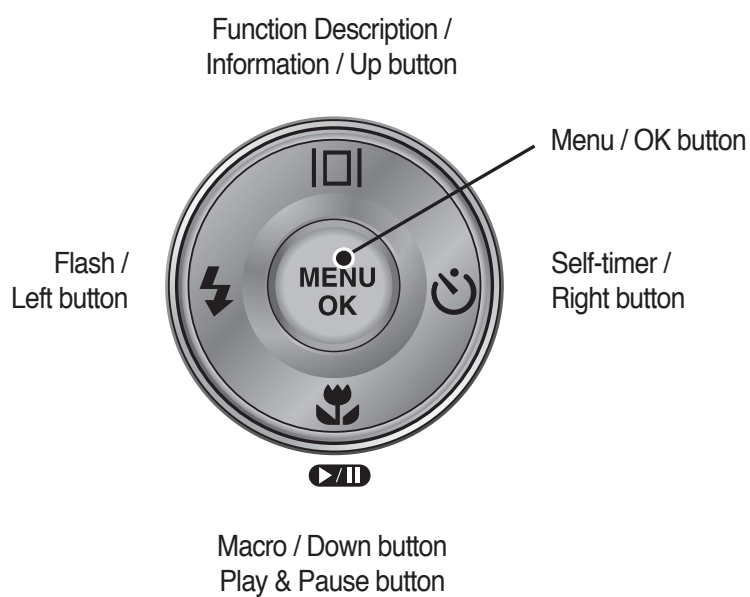


I . SPECIFICATION

Bottom



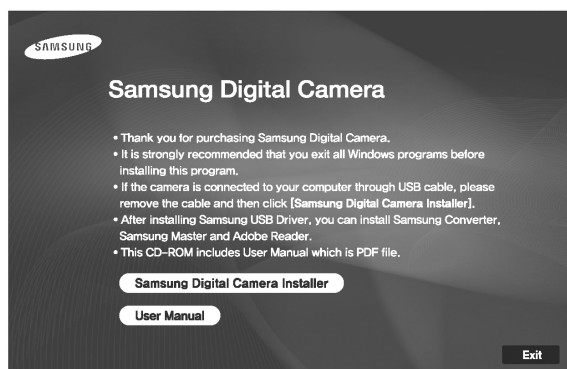
5-function button



II . INSTALLATION

1. About the software

After inserting the CD-ROM provided with this camera into the CD-ROM drive, the following window should automatically run.



Before connecting the camera to the PC, you should first install the camera driver.

- **Camera driver** : This enables images to transfer between the camera and PC.

This camera uses the USB Storage Driver as the camera driver. You can use the camera as a USB card reader. After installing the driver and connecting this camera to the PC, you can find [Removable Disk] in [Windows Explorer] or [My computer]. A USB Storage Driver is provided only for Windows. A USB Driver for MAC is not included with the Application CD. You can use the camera with Mac OS 9.2~10.4.

- **Samsung Master** : This is the all-in-one multi media software solution.

You can download, view, edit and save your digital images and movie clips with this software. This software is only compatible with Windows.



- Be sure to check the system requirements before installing the driver.
- You should allow 5 ~ 10 seconds for running the automatic setup program according to the capability of your computer. If the frame does not appear, run the [Windows Explorer] and select [Installer.exe] in the CD-ROM Drive root directory.

II . INSTALLATION

2. Setting up the application software

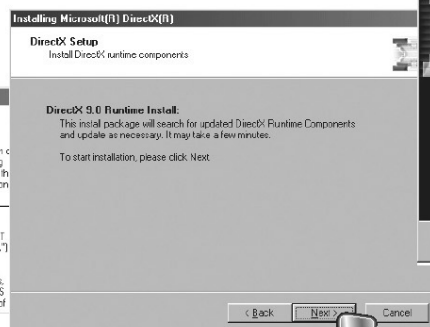
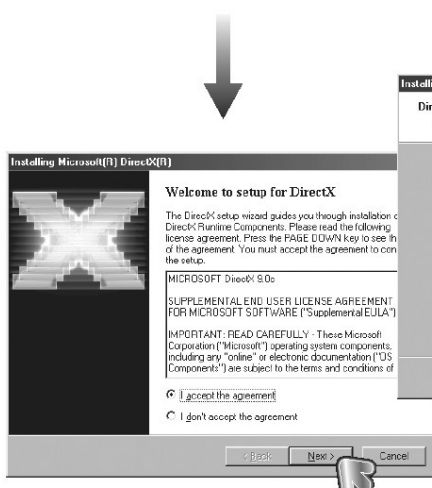
To use this camera with a PC, install the application software first. After this has been done, the stored images in the camera can be moved to the PC and can be edited by an image editing program.

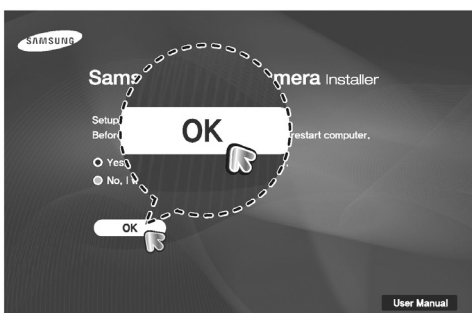
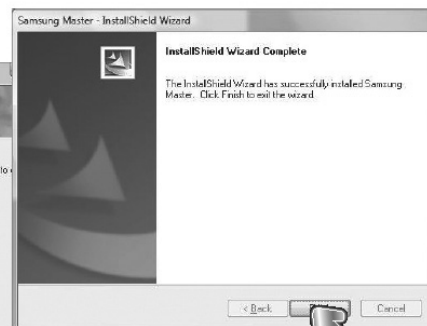
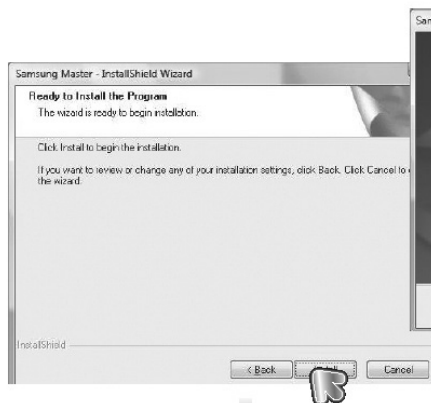
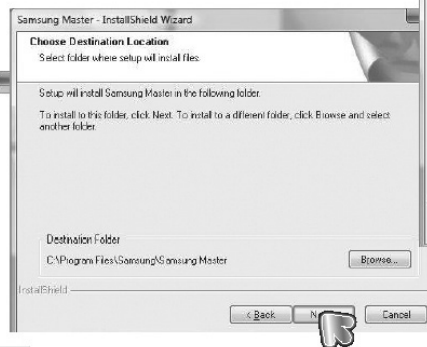
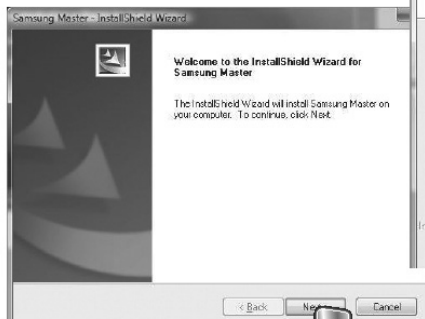
1. The auto run frame will display.

Click the [Samsung Digital Camera Installer] menu in the Auto run frame.



2. Install the camera driver, DirectX, Samsung Master and Adobe Reader by selecting a button shown on the monitor. If a recent version of DirectX has been installed on your computer, DirectX may not be installed.





II . INSTALLATION

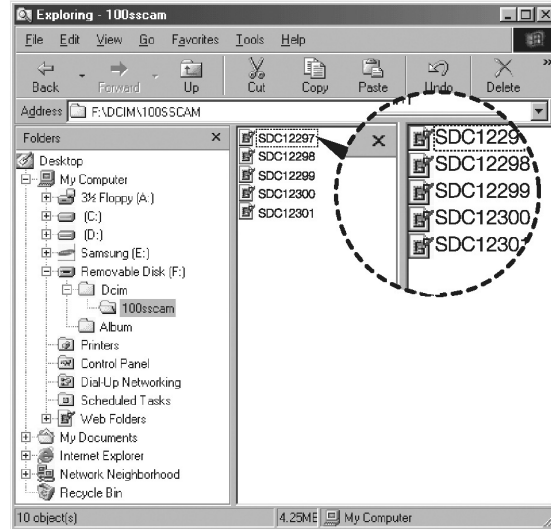
3. After restarting the computer, connect the PC to the camera with the USB cable.

4. Turn the camera power on.

The [Found New Hardware Wizard] will open and the computer will recognise the camera.

※ If your OS is Windows XP/ Vista, an image viewer program will open.

If the download window of Samsung Master opens after starting Samsung Master, the camera driver was set up successfully.



- If you have installed the camera driver, the [Found New Hardware Wizard] may not open.
- On a Windows 98SE system, the Found New Hardware Wizard dialog box opens and a window asking you to select a driver file may appear. In this case, specify "USB Driver" in the CD supplied.
- PDF documents of user manual are included in the Software CDROM supplied with this camera. Search the PDF files with Windows explorer.
Before opening the PDF files, you must install the Adobe Reader included in the Software CD-ROM.
- To install the Adobe Reader 6.0.1 correctly, Internet Explorer 5.01 or later has to be installed. Visit "www.microsoft.com" and upgrade the Internet Explorer.

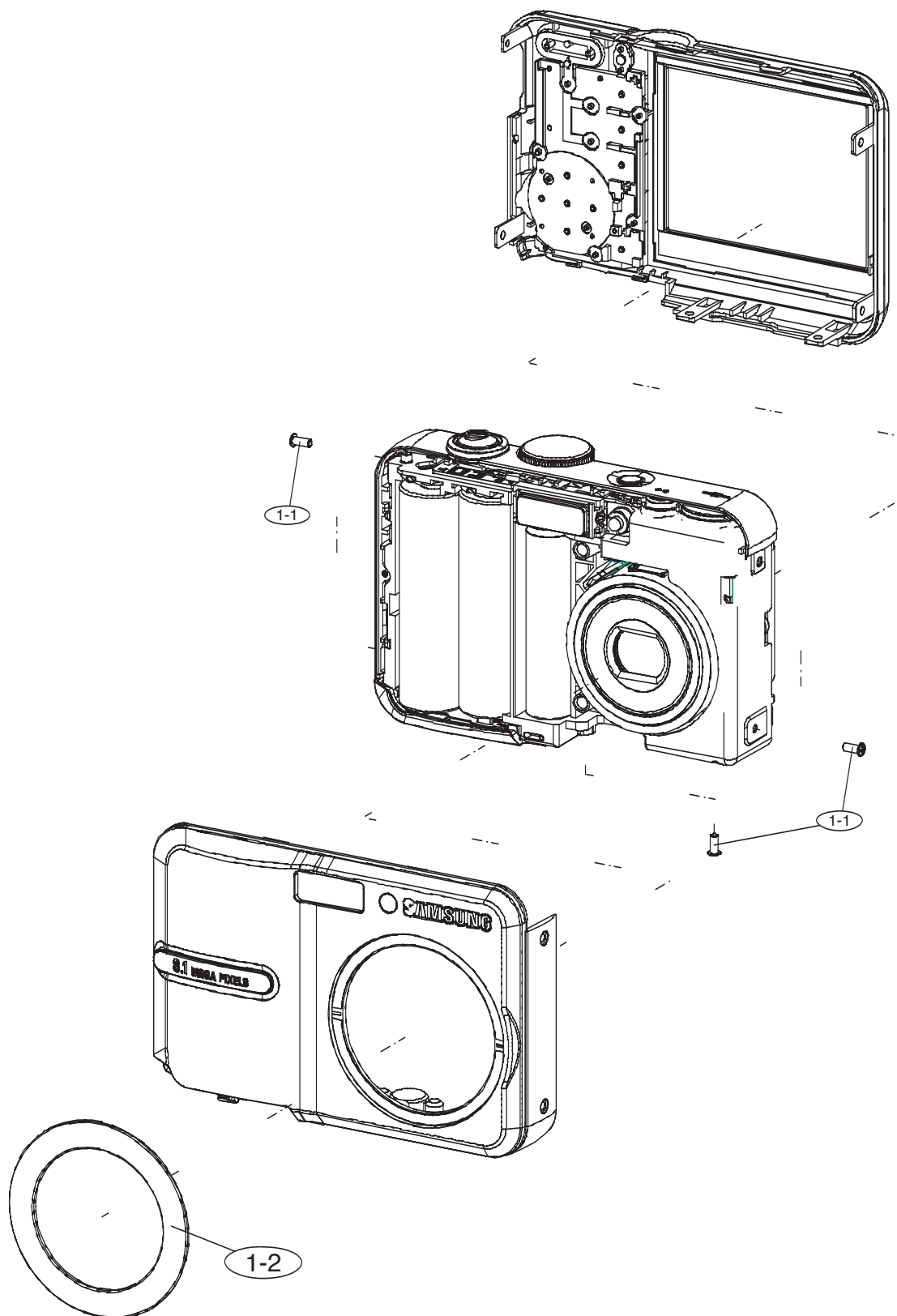
3. USB : FAQ

Please check the following if the USB connection malfunctions.

- Case 1** USB cable is not connected or it is not the supplied USB cable.
→ Connect the supplied USB cable.
- Case 2** The camera is not recognised by your PC. Sometimes, the camera may appear under [Unknown Devices] in Device Manager.
→ Install the camera driver correctly. Turn off the camera, remove the USB cable, plug in the USB cable again, and then turn on the camera.
- Case 3** There is an unexpected error during file transfer.
→ Turn the camera power off and on again. Transfer the file again.
- Case 4** When using the USB hub.
→ There may be a problem in connecting the camera to the PC through the USB hub if the PC and the hub are not compatible. Wherever possible, connect the camera to the PC directly.
- Case 5** Are other USB cables connected to the PC?
→ The camera may malfunction when it is connected to the PC at the same time as another USB cable. In this case, disconnect the other USB cable, and connect only one USB cable to the camera.
- Case 6** When I open the Device Manager (by clicking Start → (Settings) → Control Panel → (Performance and Maintenance) → System → (Hardware) → Device Manager), there are Unknown Devices or Other Devices entries with a yellow question mark(?) beside them or devices with an exclamation mark(!) beside them.
→ Right-click on the entry with the question (?) or exclamation (!) mark and select "Remove". Restart the PC and connect the camera again. For Windows 98SE PC, remove the camera driver also, restart the PC, and then reinstall the camera driver.
- Case 7** In some security programs (Norton Anti Virus, V3, etc.), the computer may not recognise the camera as a removable disk.
→ Stop the security programs and connect the camera to the computer. Refer to the security program instructions about how to temporarily disable the program.
- Case 8** The camera is connected to the USB port located on the front of the computer.
→ When the camera is connected to the USB port located on the front of the computer, the computer may not recognise the camera. Connect the camera to the USB port located on the back of the computer.

III . EXPLODED VIEW AND PART LIST

1. MAIN ASSEMBLY



► PARTS LIST

Fig.No	Old Parts No.	New Parts No.	Parts Name	Q'ty	Available Parts	Remarks
1-1	Q6003003201B	6003-001656	1740 SCREW	6	X	
	Q6003003201A	6003-001655	1740 SCREW	6	X	BLACK
1-2	Q7117018301A	AD64-01810A	FRONT DECO	1	O	

2. BODY ASSEMBLY



► PARTS LIST

Fig.No	Old Parts No.	New Parts No.	Parts Name	Q'ty	Available Parts	Remarks
2-1	Q7211092401A	AD62-00071A	BATTERY CHAMBER	1	O	SILVER/PINK/BLUE
	Q7211092401B	AD62-00072A	BATTERY CHAMBER_DG	1	O	BLACK
2-2	Q9008130701A	AD92-00453A	TOP PCB ASSY	1	O	
2-3	Q2401011201A	2401-004414	CONDENSOR	1	O	
2-4	Q7214092001A	AD67-00761A	FRESNEL LENS	1	X	
2-5	Q7014011101A	AD67-00795A	REFLECTOR	1	X	
2-6	Q0611006101A	AD47-00018A	XE TUBE	1	X	
2-7	Q7309051301A	AD73-00278A	ST RUBBER	2	X	
2-8	Q7011064201A	AD61-03199A	XE TUBE PLATE L	1	X	
2-9	Q7011064101A	AD61-03198A	XE TUBE PLATE R	1	X	
2-10	Q7011063801A	AD67-00630A	TRIG CONTACT	1	X	
2-11	Q7211092601A	AD61-03402A	REFLECTOR HOLDER	1	X	
2-12	Q0961900301A	6003-001630	1435 SCREW	4	X	
2-13	Q7217416801A	AD63-01800A	BATTERY COVER	1	X	SILVER
	Q7217416801B	AD63-01802A	BATTERY COVER_PK	1	X	PINK
	Q7217416801C	AD63-01803A	BATTERY COVER_BL	1	X	BLUE
	Q7217416801D	AD63-01803A	BATTERY COVER_BK	1	X	BLACK

III . EXPLODED VIEW AND PART LIST

► PARTS LIST

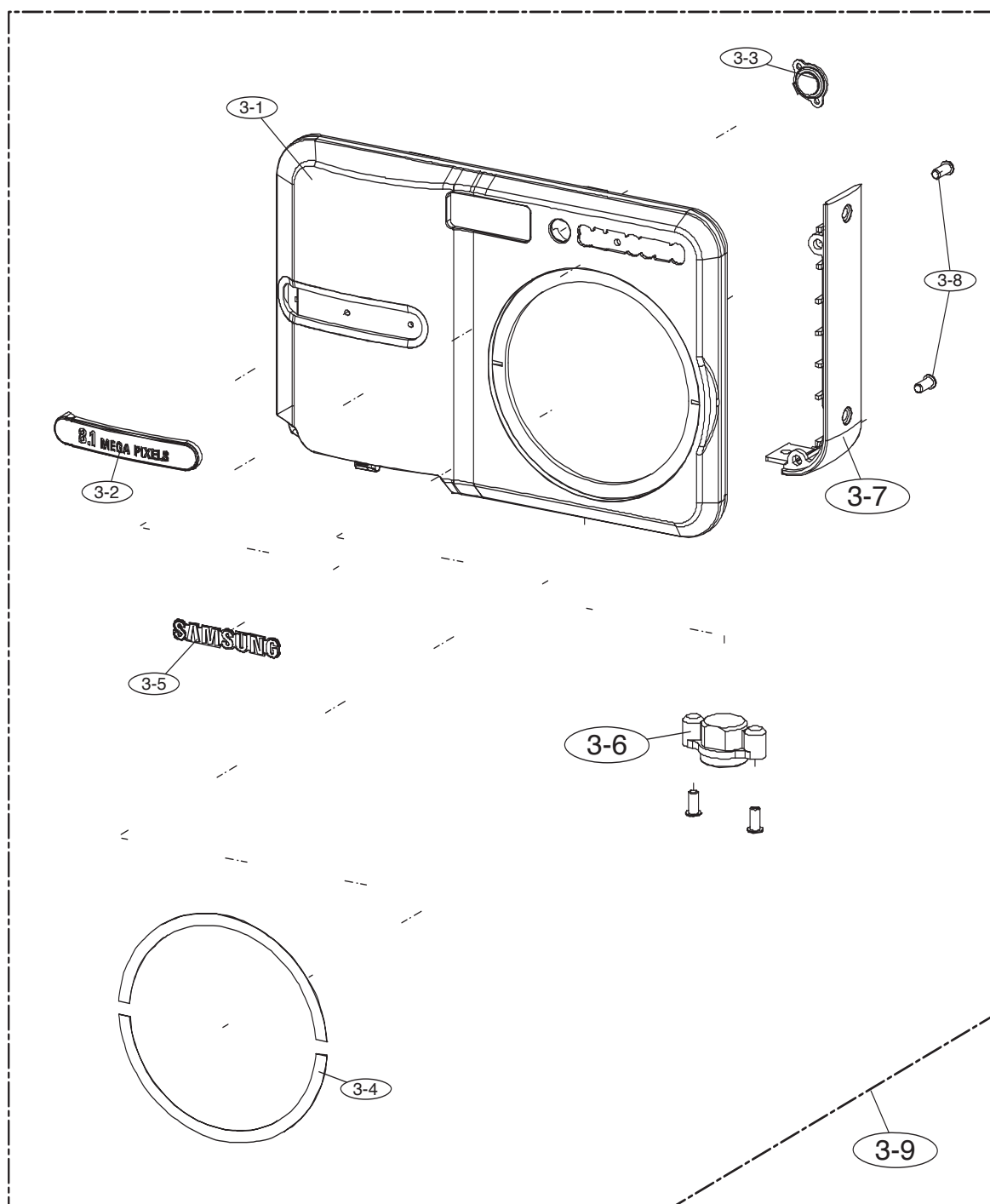
Fig.No	Old Parts No.	New Parts No.	Parts Name	Q'ty	Available Parts	Remarks
2-14	Q7011064001A	AD67-00632A	BATTERY CONTACT C	1	X	
2-15	Q7017061301A	AD61-03657A	BATTERY PLATE	1	X	
2-16	Q7004003001A	AD61-03140A	BATTERY HINGE	1	O	
2-17	Q9002177901A	AD97-13659A	BARREL ASSY	1	O	
2-18	Q7309055001A	AD63-01921A	IR CUT FILTER CUSHION	1	O	
2-19	Q2904003602A	AD63-01246A	IR CUT FILTER	1	O	
2-20	Q9008130501A	AD92-00451A	MAIN PCB ASSY_S860/D860	1	O	
	Q9008137201A	AD92-00513A	MAIN PCB ASSY_S760/D760	1	O	
2-21	Q6003029501A	6003-001668	1430 SCREW	4	X	
2-22	Q7011063901A	AD67-00631A	BATTERY CONTACT	2	O	
2-23	Q7217418002A	AD63-02703A	MIDDLE COVER_DS_S760/S860	1	O	SILVER/BLACK
	Q7217418001B	AD63-01817A	MIDDLE COVER_LS_S760/S860	1	O	PINK/BLUE
	Q7217419101A	AD63-01823A	MIDDLE COVER_DS_D760/D860	1	O	SILVER
2-24	Q6107070902A	6107-001447	RELEASE BUTTON SPRING	1	O	
2-25	Q7217417401A	AD64-02062A	RELEASE BUTTON	1	O	
2-26	Q7217417101A	AD64-02055A	MODE DIAL_DS	1	O	SILVER/BLACK
	Q7217417101B	AD64-02056A	MODE DIAL_LS	1	O	PINK/BLUE
2-27	Q7017039003A	AD61-03284A	MODE CLICK PLATE	1	O	
2-28	Q9007272001A	AD97-14371A	MODE CONTACT ASSY	1	O	
2-29	Q7409111601A	6031-001628	RELEASE WASHER	1	O	

► PARTS LIST

Fig.No	Old Parts No.	New Parts No.	Parts Name	Q'ty	Available Parts	Remarks
2-30	Q9761173012	6003-001688	1730 SCREW	1	X	
2-31	Q7217417201A	AD64-02057A	POWER BUTTON_DS	1	O	SILVER/BLACK
	Q7217417201B	AD64-02058A	POWER BUTTON_LS	1	O	PINK/BLUE
2-32	Q7004003201A	AD61-03141A	STRAP HINGE	1	O	
2-33	Q6003003401A	6003-001658	1460 SCREW	2	X	
2-34	Q7309054901A	AD63-01919A	DC USB COVER_DS_S760/S860	1	O	SILVER/BLACK
	Q7309054901B	AD63-01920A	DC USB COVER_LS_S760/S860	1	O	PINK/BLUE
	Q7304001001A	AD63-01896A	DC USB COVER_DS_D760/D860	1	O	SILVER
2-35	Q7011063701A	AD61-03626A	LCD FRAME	1	O	
2-36	Q0704015201A	AD07-00082A	LCD	1	O	
2-37	Q0408001101A	0601-002515	AF_LED	1	O	
2-38	Q3001002701A	3001-002326	SPEAKER_SG-1508MW6	1	O	
2-39	Q3003002101A	3003-001129	MIC_OB-27LB38_S4	1	O	
2-40	Q9007296901A	AD97-14836A	BATTERY_COVER_ASSY_S760/S860	1	O	SILVER
	Q9007296901B	AD97-14837A	BATTERY_COVER_ASSY_S760/S860	1	O	PINK
	Q9007296901C	AD97-14838A	BATTERY_COVER_ASSY_S760/S860	1	O	BLUE
	Q9007296901D	AD97-14839A	BATTERY_COVER_ASSY_S760/S860	1	O	BLACK
	Q9007298001A	AD97-14849A	BATTERY_COVER_ASSY_D760/D860	1	O	SILVER
2-41	Q9007297201A	AD97-14842A	MIDDLE_COVER_ASSY_S760/S860	1	O	SILVER/BLACK
	Q9007297201B	AD97-14843A	MIDDLE_COVER_ASSY_S760/S860	1	O	PINK/BLUE
	Q9007298101A	AD97-14850A	MIDDLE_COVER_ASSY_D760/D860	1	O	SILVER

III . EXPLODED VIEW AND PART LIST

3. FRONT COVER ASSEMBLY



► PARTS LIST

Fig.No	Old Parts No.	New Parts No.	Parts Name	Q'ty	Available Parts	Remarks
3-1	Q7217417801A	AD63-01804A	FRONT COVER_SL	1	X	SILVER
	Q7217417801B	AD63-01805A	FRONT_COVER_PK	1	X	PINK
	Q7217417801C	AD63-01806A	FRONT_COVER_BL	1	X	BLUE
	Q7217417801D	AD63-01807A	FRONT_COVER_BK	1	X	BLACK
	Q7217417801E	AD63-01808A	FRONT_COVER_EX_SL	1	X	SILVER
	Q7217417801F	AD63-01809A	FRONT_COVER_EX_PK	1	X	PINK
	Q7217417801G	AD63-018010A	FRONT_COVER_EX_BL	1	X	BLUE
	Q7217417801H	AD63-01811A	FRONT_COVER_EX_BK	1	X	BLACK
3-2	Q7217417501A	AD64-02063A	GRIP DECO	1	X	
3-3	Q7217417601A	AD64-02064A	AF LED WINDOW	1	X	
3-4	Q7409307701A	AD63-02403A	FRONT DECO TAPE	2	X	
3-5	Q7017052401A	AD61-03293A	LOGO PLATE	1	X	
3-6	Q7211059102B	AD64-02065A	TRIPOD CONNECTOR	1	O	SILVER/PINK/BLUE
	Q7211059102A	AD61-03371A	TRIPOD CONNECTOR	1	O	BLACK
3-7	Q7217418101A	AD63-01818A	MIDDLE COVER R_S760/S860	1	O	SILVER/BLACK
	Q7217418101B	AD63-01819A	MIDDLE COVER R_S760/S860	1	O	PINK/BLUE
	Q7217418301A	AD63-01824A	MIDDLE COVER R_D760/D860	1	O	SILVER
3-8	Q9761174007	6003-001692	1740 SCREW	2	X	

III . EXPLODED VIEW AND PART LIST

► PARTS LIST

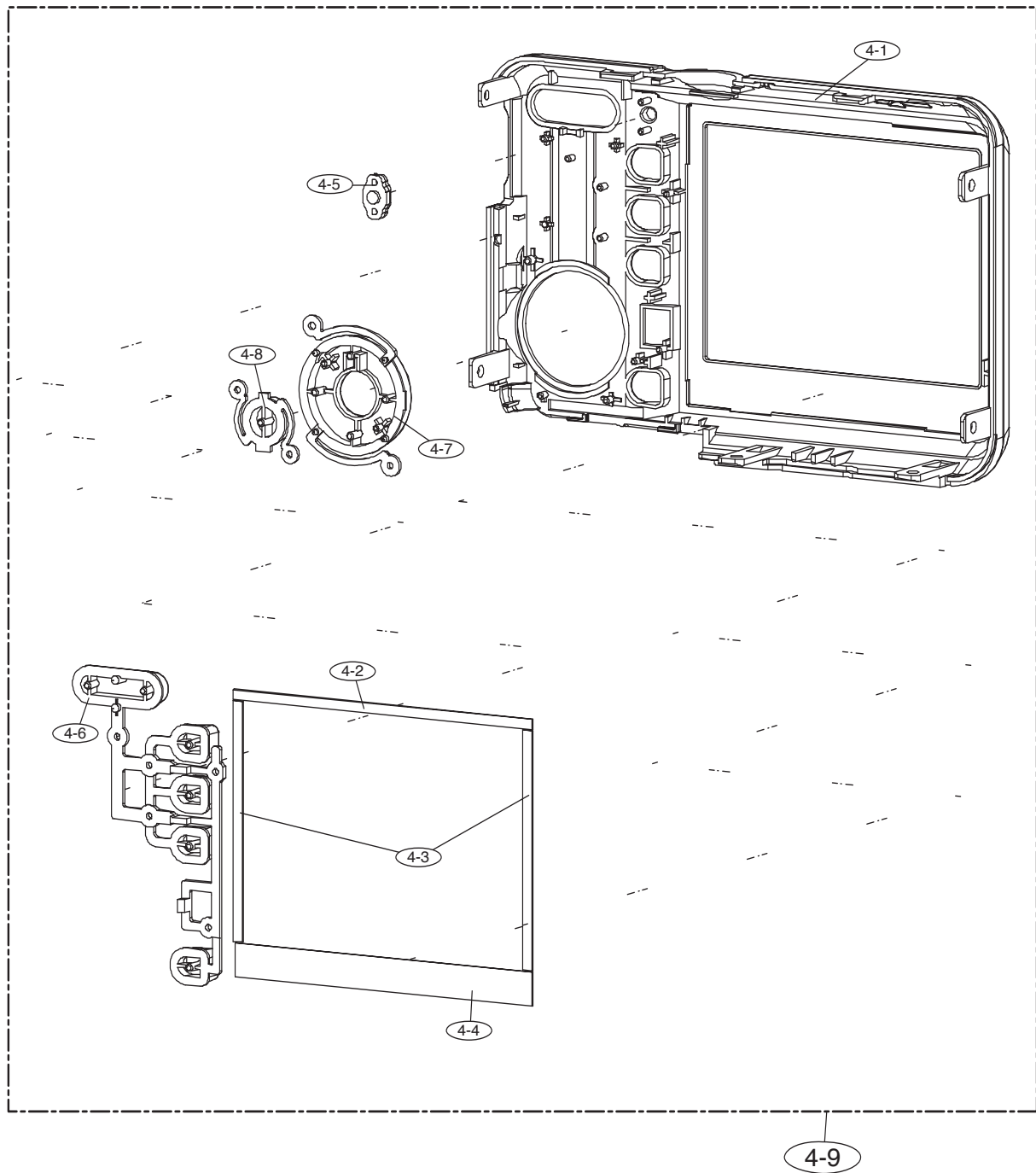
Fig.No	Old Parts No.	New Parts No.	Parts Name	Q'ty	Available Parts	Remarks
3-9	Q9007296701A	AD97-14824A	FRONT COVER ASSY_KENOX_S860	1	O	SILVER
	Q9007296701B	AD97-14825A	FRONT COVER ASSY_KENOX_S860	1	O	PINK
	Q9007296701C	AD97-14826A	FRONT COVER ASSY_KENOX_S860	1	O	BLUE
	Q9007296701D	AD97-14827A	FRONT COVER ASSY_KENOX_S860	1	O	BLACK
	Q9007296701E	AD97-14828A	FRONT COVER ASSY_SAMSUNG_S860	1	O	SILVER
	Q9007296701F	AD97-14829A	FRONT COVER ASSY_SAMSUNG_S860	1	O	PINK
	Q9007296701G	AD97-14830A	FRONT COVER ASSY_SAMSUNG_S860	1	O	BLUE
	Q9007296701H	AD97-14831A	FRONT COVER ASSY_SAMSUNG_S860	1	O	BLACK
	Q9007296701I	AD97-15304A	FRONT COVER ASSY_SAMSUNG_CAN_S860	1	O	SILVER
	Q9007296701J	AD97-15305A	FRONT COVER ASSY_SAMSUNG_CAN_S860	1	O	PINK
	Q9007296701K	AD97-15306A	FRONT COVER ASSY_SAMSUNG_CAN_S860	1	O	BLUE
	Q9007296701L	AD97-15307A	FRONT COVER ASSY_SAMSUNG_CAN_S860	1	O	BLACK
	Q9007301101A	AD97-14885A	FRONT COVER ASSY_KENOX_S760	1	O	SILVER
	Q9007301101B	AD97-15258A	FRONT COVER ASSY_KENOX_S760	1	O	PINK
	Q9007301101C	AD97-15259A	FRONT COVER ASSY_KENOX_S760	1	O	BLUE
	Q9007301101D	AD97-15260A	FRONT COVER ASSY_KENOX_S760	1	O	BLACK

► PARTS LIST

Fig.No	Old Parts No.	New Parts No.	Parts Name	Q'ty	Available Parts	Remarks
3-9	Q9007301101E	AD97-15261A	FRONT COVER ASSY_SAMSUNG_S760	1	O	SILVER
	Q9007301101F	AD97-15262A	FRONT COVER ASSY_SAMSUNG_S760	1	O	PINK
	Q9007301101G	AD97-15263A	FRONT COVER ASSY_SAMSUNG_S760	1	O	BLUE
	Q9007301101H	AD97-15264A	FRONT COVER ASSY_SAMSUNG_S760	1	O	BLACK
	Q9007301101I	AD97-15337A	FRONT COVER ASSY_SAMSUNG_S760_CAN	1	O	SILVER
	Q9007301101J	AD97-15338A	FRONT COVER ASSY_SAMSUNG_S760_CAN	1	O	PINK
	Q9007301101K	AD97-15339A	FRONT COVER ASSY_SAMSUNG_S760_CAN	1	O	BLUE
	Q9007301101L	AD97-15340A	FRONT COVER ASSY_SAMSUNG_S760_CAN	1	O	BLACK
	Q9007297801A	AD97-14847A	FRONT COVER ASSY_KENOX_D760	1	O	SILVER
	Q9007297801E	AD97-15247A	FRONT COVER ASSY_SAMSUNG_D760	1	O	SILVER
	Q9007301301A	AD97-14887A	FRONT COVER ASSY_KENOX_D860	1	O	SILVER
	Q9007301301E	AD97-15392A	FRONT COVER ASSY_SAMSUNG_D860	1	O	SILVER
	Q9007297801I	AD97-15308A	FRONT COVER ASSY_SAMSUNG_CAN_D760	1	O	SILVER
	Q9007301301I	AD97-15396A	FRONT COVER ASSY_SAMSUNG_CAN_D860	1	O	SILVER

III . EXPLODED VIEW AND PART LIST

4. BACK COVER ASSEMBLY

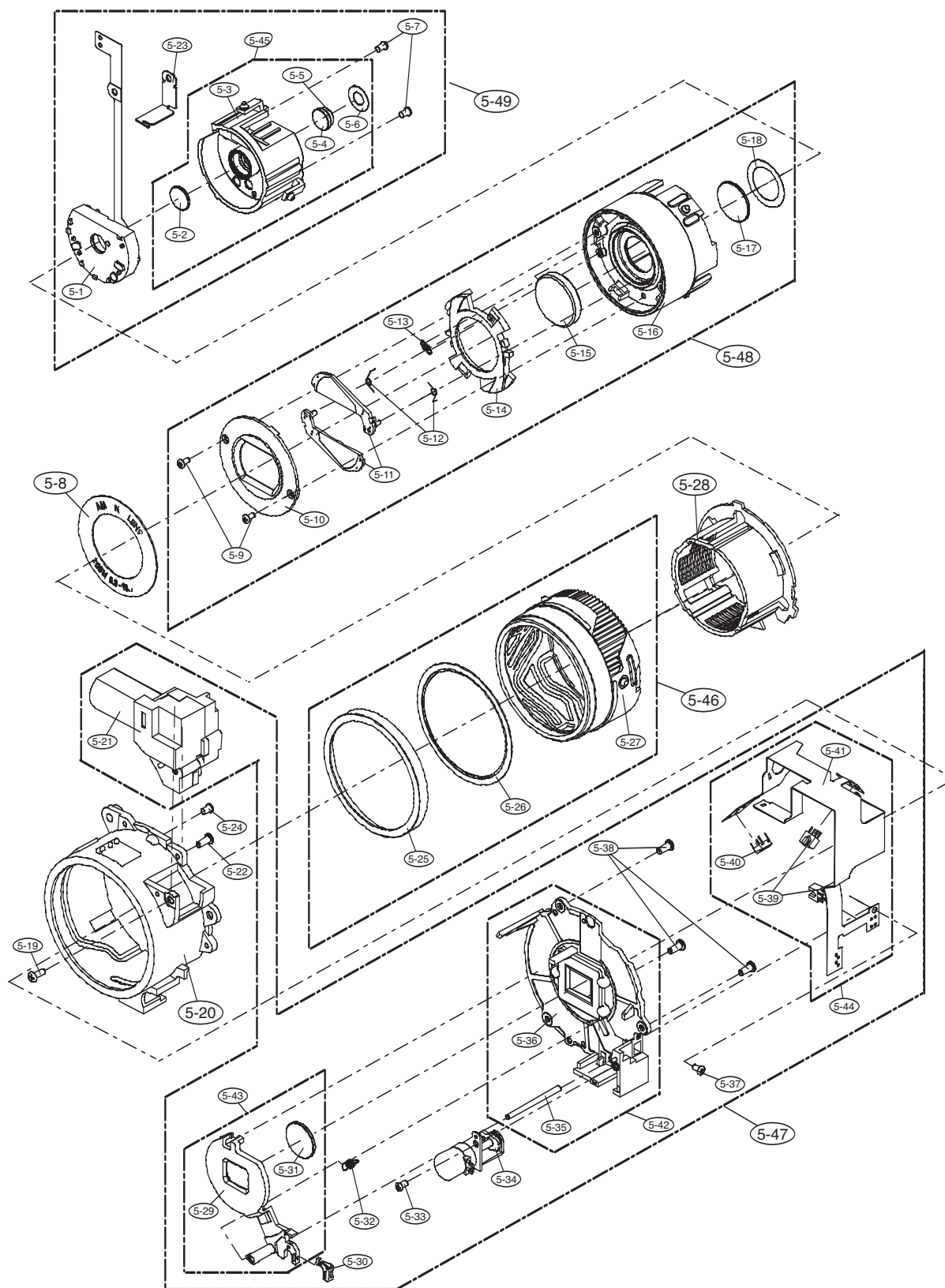


► PARTS LIST

Fig.No	Old Parts No.	New Parts No.	Parts Name	Q'ty	Available Parts	Remarks
4-1	Q7217417901A	AD63-01812A	BACK COVER_SL	1	X	SILVER
	Q7217417901B	AD63-01813A	BACK COVER_PK	1	X	PINK
	Q7217417901C	AD63-01814A	BACK COVER_BL	1	X	BLUE
	Q7217417901D	AD63-01815A	BACK COVER_BK	1	X	BLACK
4-2	Q7409307501A	AD63-02401A	LCD CUSHION A	1	X	
4-3	Q7409307601A	AD63-02402A	LCD CUSHION B	2	X	
4-4	Q7409308801A	AD63-02411A	LCD CUSHION C	1	X	
4-5	Q7217417701A	AD64-02065A	AF LED LAMP	1	X	
4-6	Q7217416901A	AD64-02050A	FUNCTION BUTTON_DS	1	X	SILVER/BLACK
	Q7217416901B	AD64-02051A	FUNCTION BUTTON_LS	1	X	PINK/BLUE
4-7	Q7217417301A	AD64-02059A	NAVI KEY_DS	1	X	SILVER/BLACK
	Q7217417301B	AD64-02060A	NAVI KEY_LS	1	X	PINK/BLUE
4-8	Q7217417001A	AD64-02053A	OK KEY_DS	1	X	SILVER/BLACK
	Q7217417001B	AD64-02054A	OK KEY_LS	1	X	PINK/BLUE
4-9	Q9007296801A	AD97-14832A	BACK COVER ASSY_S760/S860	1	O	SILVER
	Q9007296801B	AD97-14833A	BACK COVER ASSY_S760/S860	1	O	PINK
	Q9007296801C	AD97-14834A	BACK COVER ASSY_S760/S860	1	O	BLUE
	Q9007296801D	AD97-14835A	BACK COVER ASSY_S760/S860	1	O	BLACK
	Q9007297901A	AD97-14848A	BACK COVER ASSY_D760	1	O	SILVER
	Q9007302301A	AD97-15265A	BACK COVER ASSY_D860	1	O	SILVER

III . EXPLODED VIEW AND PART LIST

5. BARREL ASSEMBLY



► PARTS LIST

Fig.No	Old Parts No.	New Parts No.	Parts Name	Q'ty	Available Parts	Remarks
5-1	Q9005164301A	AD97-13743A	SHUTTER ASS'Y	1	X	
5-2	Q6712011201A	AD67-00812A	G3 LENS	1	X	
5-3	Q7212210002A	AD97-15116A	2nd LENS BARREL	1	X	
5-4	Q6711060101A	AD67-00521A	G4 LENS	1	X	
5-5	Q6711060202A	AD67-00809A	G5 LENS	1	X	
5-6	Q7012101002A	AD81-08082A	G5 MASK	1	X	
5-7	Q0961900101A	6003-001629	SCREW (1425)	2	X	
5-8	Q7012100801A	AD64-01779A	FRONT DECORING	1	O	
5-9	Q6003047001A	6003-001673	BARRIER SCERW	2	X	
5-10	Q7212210202A	AD64-02257A	FRONT PANEL	1	X	
5-11	Q7212210301A	AD63-01524A	BARRIER-A	2	X	
5-12	Q6107078301A	6107-001469	BARRIER CLOSE SPRING	2	X	
5-13	Q6107078201A	6107-001468	BARRIER OPEN SPRING	1	X	
5-14	Q7212210403A	AD66-00587A	BARRIER LEVER	1	X	
5-15	Q6711059801A	AD67-00822A	G1 LENS	1	X	
5-16	Q7212209902A	AD97-15115A	ZOOM RING	1	X	
5-17	Q6712011101A	AD67-00594A	G2 LENS	1	X	
5-18	Q7012100902A	AD81-08081A	G2 MASK	1	X	
5-19	Q0961900301A	6003-001630	SCREW (1435)	1	X	
5-20	Q9002177601A	AD97-13657A	OUTER GUIDE BARREL ASSY	1	O	

III . EXPLODED VIEW AND PART LIST

► PARTS LIST

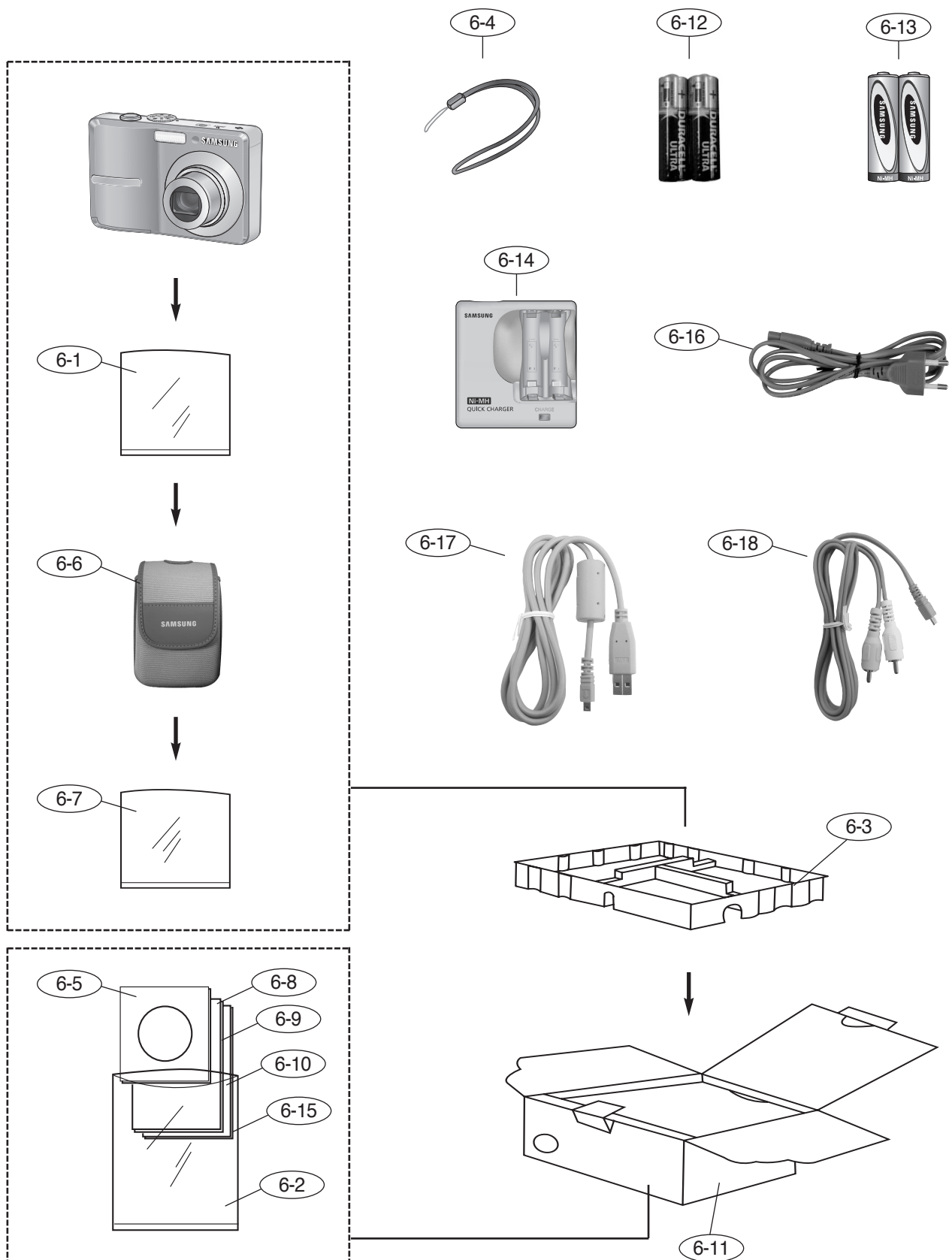
Fig.No	Old Parts No.	New Parts No.	Parts Name	Q'ty	Available Parts	Remarks
5-21	Q9002175901A	AD97-13638A	ZOOM MODULE ASS'Y	1	X	
5-22	Q6003000201A	6003-001633	SCREW B (1430)	1	X	
5-23	Q7012100501A	AD61-03260A	SHUTTER FPCB GUIDER	1	X	
5-24	Q0961900101A	6003-001629	SCREW (1425)	1	X	
5-25	Q7012100702A	AD64-02194A	CAM DECO RING	1	X	
5-26	Q7012101102A	AD63-02544A	CAM SHIELD A	1	X	
5-27	Q7212209702A	AD67-00807A	CAM BARREL	1	X	
5-28	Q7212209802A	AD97-15114A	GUIDE BARREL	1	O	
5-29	Q7212210102A	AD97-15117A	3rd LENS BARREL	1	X	
5-30	Q7012100602A	AD61-03633A	AF CLIP HOLDER	1	X	
5-31	Q6711060302A	AD67-00810A	G6 LENS	1	X	
5-32	Q6107078401A	6707-001470	AF SPRING	1	X	
5-33	Q0961900101A	6003-001629	SCREW (1425)	1	X	
5-34	Q3104002101A	3101-001448	AF MOTOR ASS'Y	1	X	
5-35	Q7411138102A	AD66-00588A	AF GUIDE BAR	1	X	

► PARTS LIST

Fig.No	Old Parts No.	New Parts No.	Parts Name	Q'ty	Available Parts	Remarks
5-36	Q7212209502A	AD61-03624A	LENS BASE	1	X	
5-37	Q6003047001A	6003-001673	BARRIER SCERW	1	X	
5-38	Q6003000201A	6003-001633	SCREW B (1430)	3	X	
5-39	Q0608001301A	0604-001302	PHOTO INTERRUPTER	2	X	
5-40	Q0608000701A	0604-001373	PHOTO REFLECTOR	1	X	
5-41	Q4101042202A	AD41-01155A	MAIN FPCB	1	X	
5-42	Q9002184901A	DNA	LENS_BASE_SUB_ASSY	1	X	
5-43	Q9002177101A	AD97-13652A	3RD_LENS_ASSY	1	X	
5-44	Q9002177801A	AD92-00180A	MAIN_FPCB_ASSY	1	X	
5-45	Q9002177001A	DNA	2ND_LENS_ASSY	1	X	
5-46	Q9002177501A	AD97-13656A	CAM_BARREL_ASSY	1	O	
5-47	Q9002177701A	AD97-13658A	LENS_BASE_ASSY	1	O	
5-48	Q9002177201A	AD97-13653A	ZOOM_RING_ASSY	1	O	
5-49	Q9002177301A	AD97-13654A	2ND_BARREL_ASSY	1	O	

III . EXPLODED VIEW AND PART LIST

6. PACKING ITEM



► PARTS LIST

Fig.No	Old Parts No.	New Parts No.	Parts Name	Q'ty	Available Parts	Remarks
6-1	QP960210101A	6902-000924	PE BAG (FOR CAMERA)	1	O	
6-2	Q6909018202A	6902-000921	PE BAG (FOR ACCESSORY)	1	O	
6-3	Q6901295501A	AD69-01410A	MOLD_PULP_S860_EXP	1	O	
6-4	Q7409271401A	AD63-02596A	STRAP_KENO_SILVER	1	O	
	Q7409311401A	AD63-02604A	STRAP_KENOX_BLACK	1	O	
6-5	Q4609021101A	AD46-00160A	DRIVER_SAMSUNG_S760/S860	1	O	
	Q4609021901A	AD46-00168A	DRIVER_SAMSUNG_D860_D760	1	O	
6-6	Q6904033601A	AD69-01464A	POUCH_KOR_EXP_BLACK	1	O	
	Q6904033701A	AD69-01465A	POUCH_KOR_EXP_SILVER	1	O	
6-7	Q6909019801A	6902-000941	AIR BAG_Samsung_S730(FOR BODY)	1	O	
6-8	Q6806469201A	AD68-01917A	U_MANUAL_S860_CHI_S	1	O	
6-9	Q6806469101A	AD68-01916A	QS_MANUAL_KENOX_S860	1	O	
	Q6806469301A	AD68-01918A	QS_S860_E_G_F_SP_I_DU_P	1	O	
	Q6806469401A	AD68-01919A	QS_S860_E_G_FI_SW_DA_RU	1	O	
	Q6806469501A	AD68-01920A	QS_S860_EN_TU_CH_IN_AR_TH	1	O	
	Q6806469601A	AD68-01921A	QS_S860_ENG_SPA_FRA_3	1	O	
	Q6806469701A	AD68-01922A	QS_S860_E_G_P_CZ_S_H_R_B	1	O	
	Q6806477201A	AD68-02704A	QS_MANUAL_KENOX_D860_D760	1	O	
	Q6806477301A	AD68-02705A	QS_D860_D760_E_G_F_SP_I_DU_P	1	O	
	Q6806477401A	AD68-02706A	QS_D860_D760_E_G_FI_SW_DA_RU	1	O	
	Q6806477501A	AD68-02707A	QS_D860_D760_EN_TU_CH_IN_AR_TH	1	O	
	Q6806477601A	AD68-02708A	QS_D860_D760_ENG_SPA_FRA_3	1	O	
	Q6806477701A	AD68-02709A	QS_D860_D760_E_G_P_CZ_S_H_R_B	1	O	

III . EXPLODED VIEW AND PART LIST

► PARTS LIST

Fig.No	Old Parts No.	New Parts No.	Parts Name	Q'ty	Available Parts	Remarks
6-10	QP955150101F	6801-001642	WARRANTY CARD_KOREA	1	O	
	Q6807003003U	6801-001646	WARRANTY CARD_EXP	1	O	
	Q6807012301A	6801-001658	WARRANTY CARD_2 YERARS	1	O	
	Q6807010903C	6801-001650	WARRANTY CARD_RUS(3 YEARS)	1	O	
	QP960150101D	6801-001644	WARRANTY CARD_TSOE(CHINA)	1	O	
	Q6807009502E	6801-001647	CARD_PRODUCT(Mexico)	1	O	
	Q6807012101A	6801-001656	WARRANTY CARD_IRAN	1	O	
	Q6807012401A	6801-001659	WARRANTY CARD_TURKEY	1	O	
	Q6807012501A	6801-001660	SERVICE_CENTER_TURKEY	1	O	
	Q6807013001A	6801-001662	WARRANTY_CARD_Argentina	1	O	
	Q6807013201A	6801-001664	LOCAL_WARRANTY_CARD_INDIA	1	O	
	Q6807013301A	6801-001665	LOCAL_WARRANTY CARD_ITALIA	1	O	
6-11	Q6901297201A	AD69-01427A	GT_BOX_S760_EXP_AUS_Silver	1	O	
	Q6901297301A	AD69-01428A	GT_BOX_S760_USA_Silver	1	O	
	Q6901297401A	AD69-01429A	GT_BOX_S760_CAN_Silver	1	O	
	Q6901295301A	AD69-01408A	GT_BOX_KENOX_S860_Silver	1	O	
	Q6901295601A	AD69-01411A	GT_BOX_S860_EXP_AUS_Silver	1	O	
	Q6901295701A	AD69-01412A	GT_BOX_S860_USA_Silver	1	O	
	Q6901295801A	AD69-01413A	GT_BOX_S860_CAN_Silver	1	O	

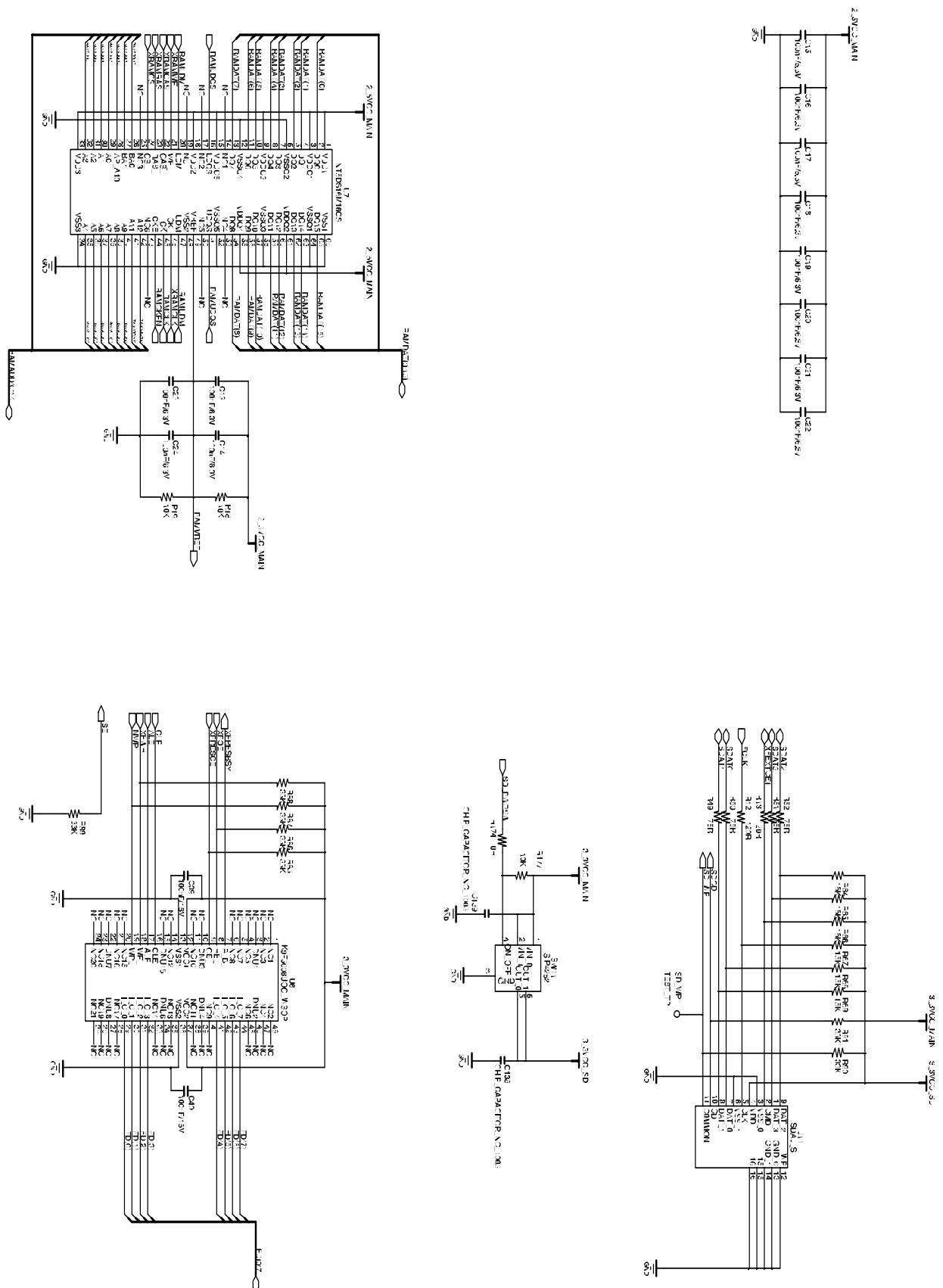
► PARTS LIST

Fig.No	Old Parts No.	New Parts No.	Parts Name	Q'ty	Available Parts	Remarks
6-11	Q6901300901A	AD69-01588A	GT_BOX_D760_EXP_AUS_Silver	1	O	
	Q6901301001A	AD69-01589A	GT_BOX_D760_USA_Silver	1	O	
	Q6901301101A	AD69-01590A	GT_BOX_D760_CAN_Silver	1	O	
	Q6901300501A	AD69-01584A	GT_BOX_D860_EXP_AUS_Silver	1	O	
	Q6901300601A	AD69-01585A	GT_BOX_D860_USA_Silver	1	O	
	Q6901300701A	AD69-01586A	GT_BOX_D860_CAN_Silver	1	O	
6-12	Q4301001801A	AD81-00867A	ALKALINE (1.5V, AA) 2EA - DURACEL ULTRA	1	O	
6-13	Q4302000901A	AD81-00879A	BATTERY_SNB-2512(AA Type)	1	O	
6-14	Q4309002301A	AD81-00898A	Ni-MH CHARGER(SBC-N2)	1	O	
6-15	Q6806474101A	AD68-02541A	MANUAL_SNB-2512BKIT_NEW_CHI_S	1	O	
6-16	Q3801003701A	AD81-00700A	AC CODE CABLE_KOR-D1	1	O	
6-17	Q3802006801A	AD81-00750A	AV CABLE_8PIN_STS-63(CORE無)	1	O	
6-18	Q3802006601A	AD81-00748A	USB_CABLE_8PIN_STS3-73(CORE有)	1	O	

V.I. = CHICAGO II - DUBUQUE III

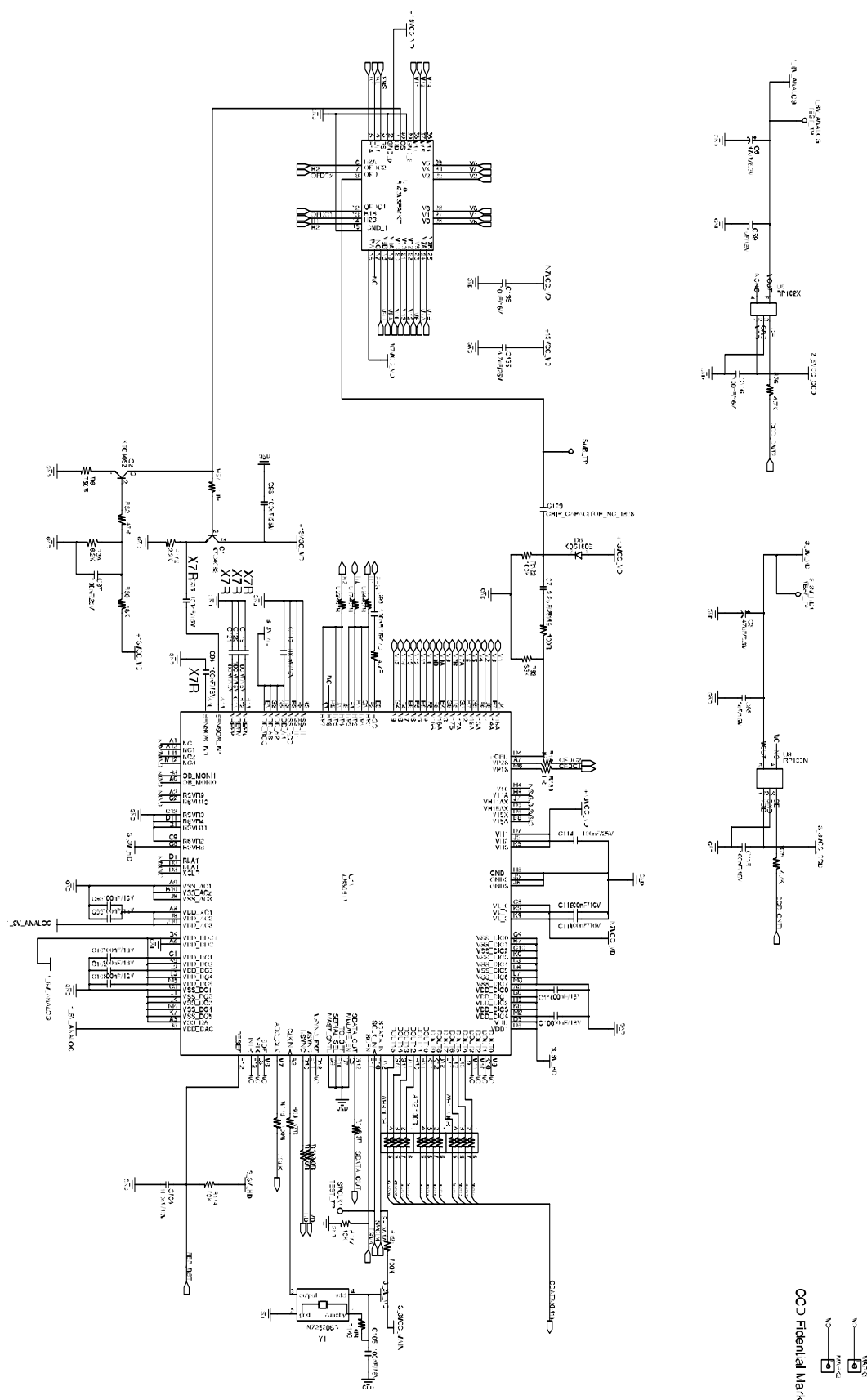


3) MAIN_MEMORY

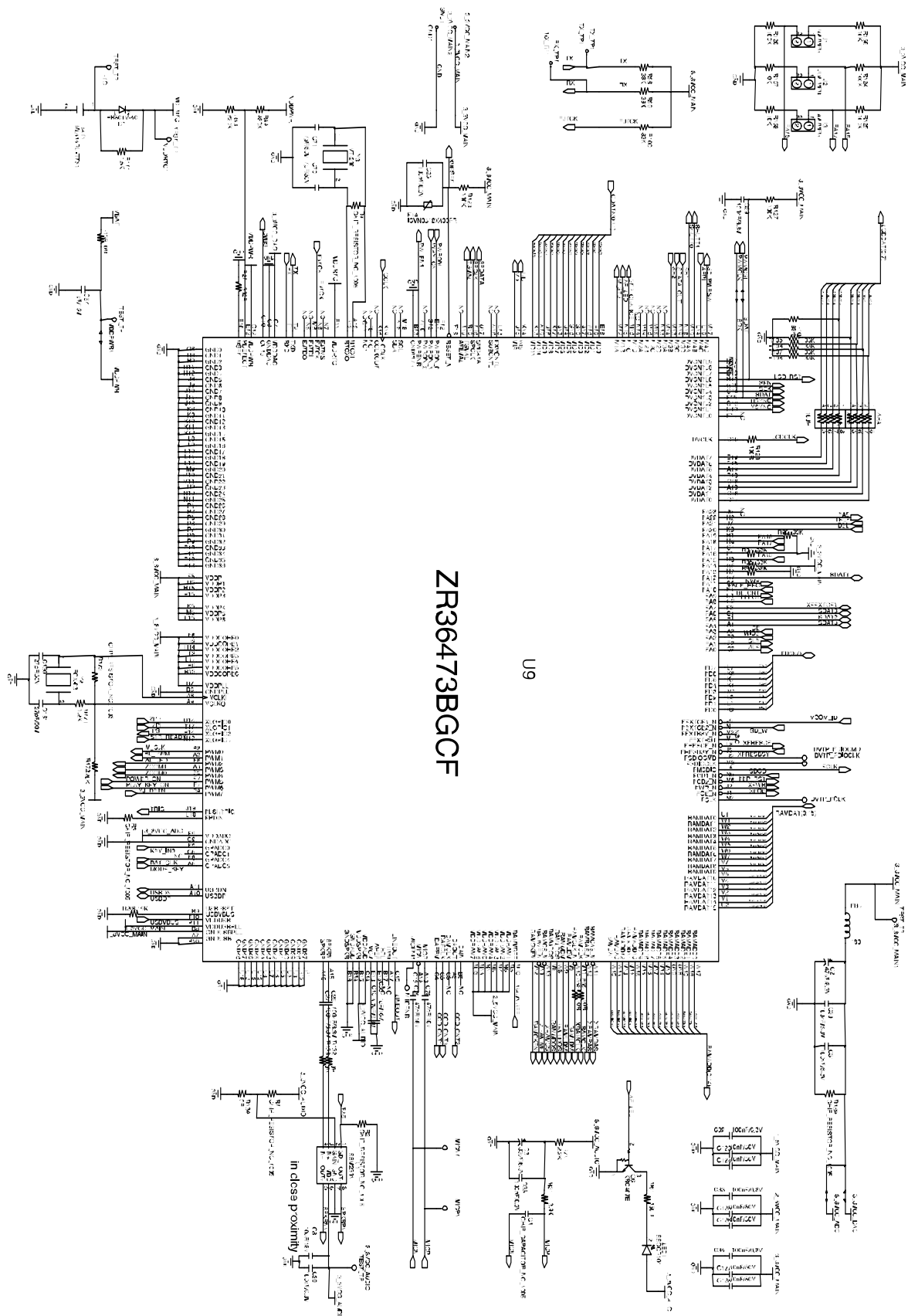


VI. CIRCUIT DIAGRAM

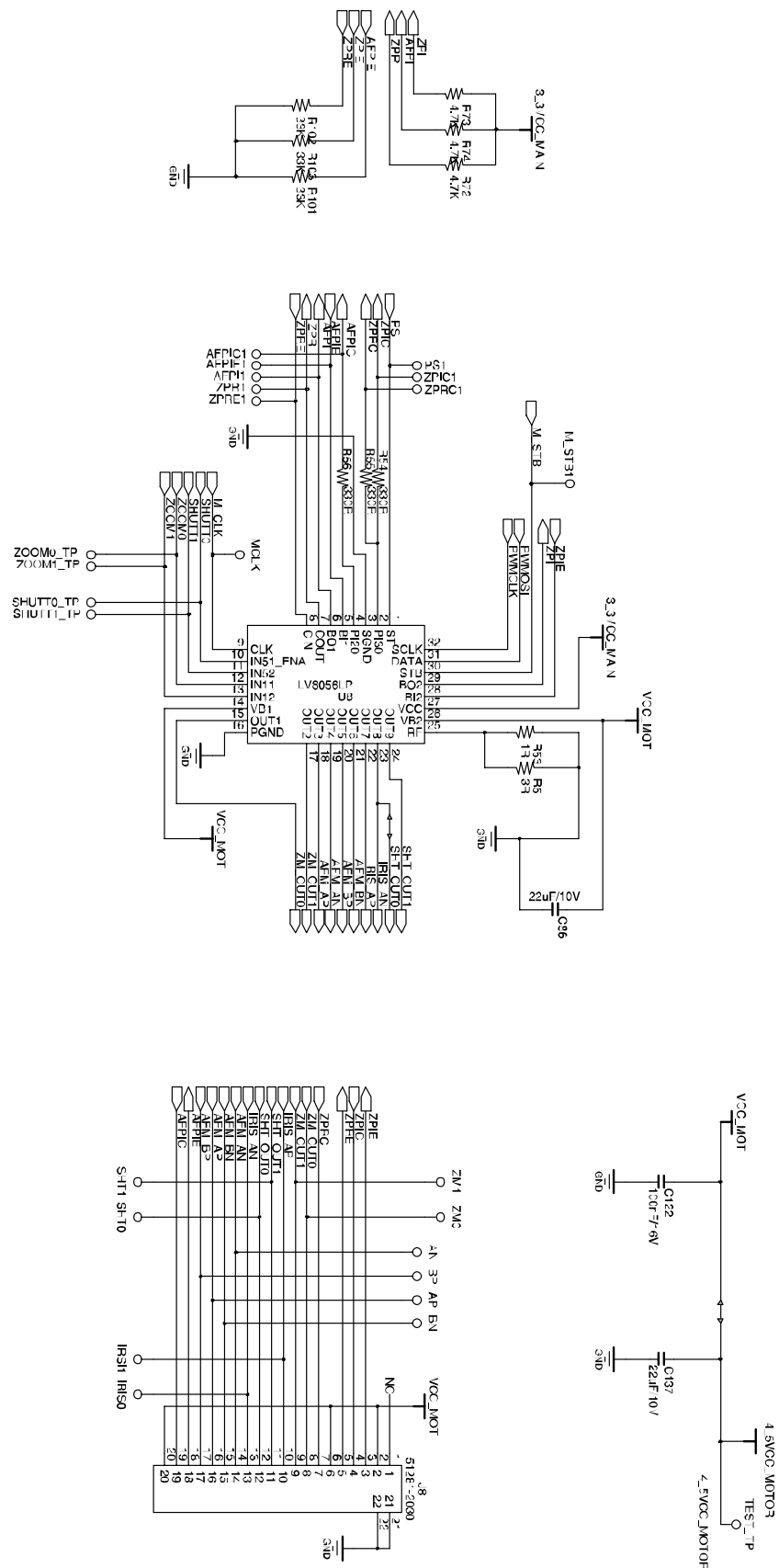
4) MAIN_CCD

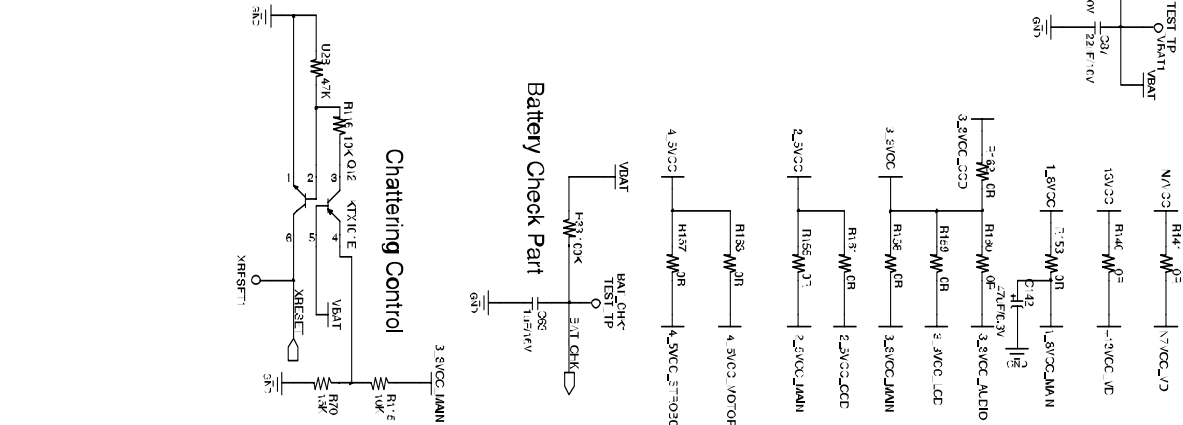


5) MAIN_DSP



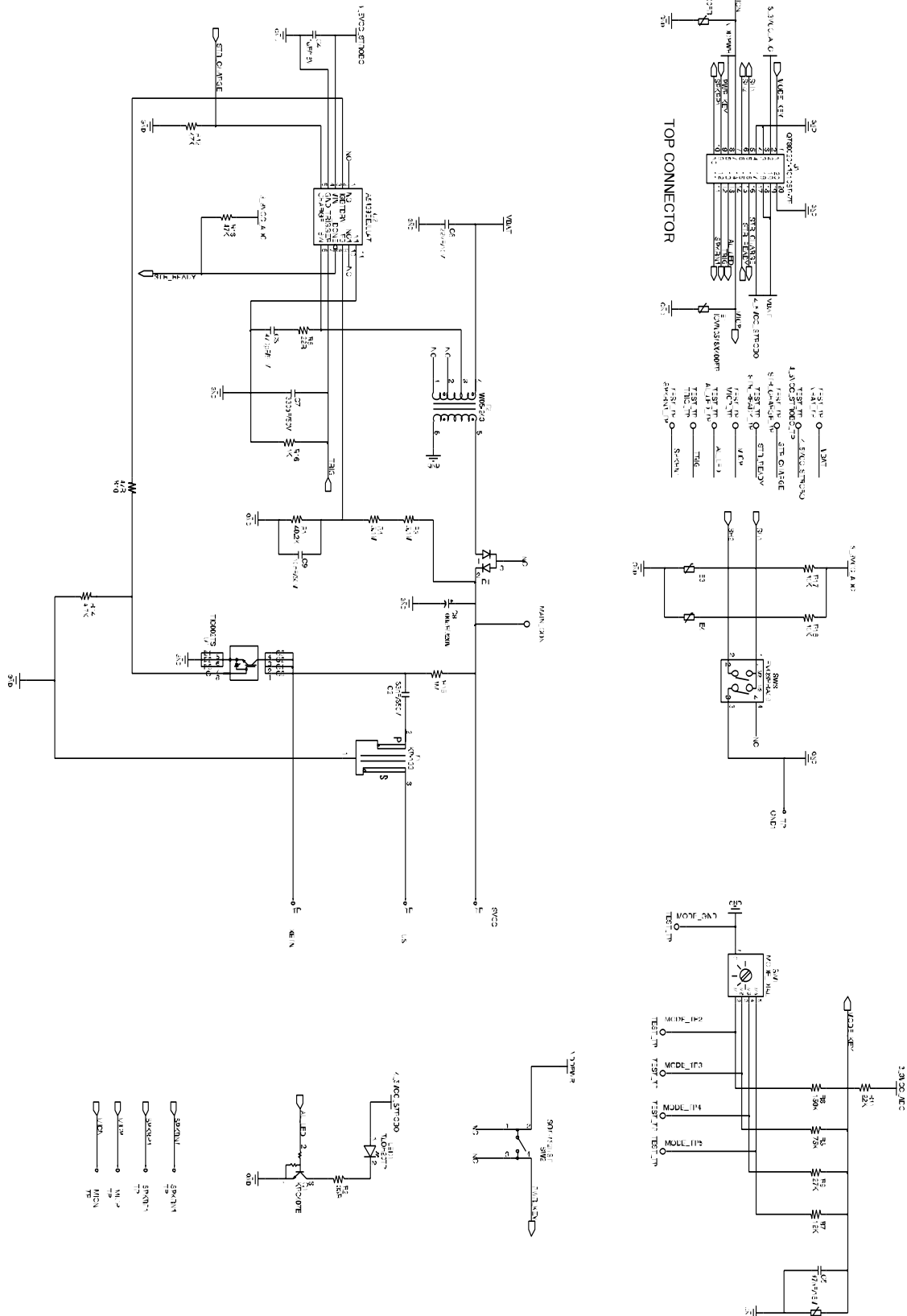
6) MAIN_MOTOR





VI. CIRCUIT DIAGRAM

8) TOP_PCB



VI. SERVICE INFORMATION

1. The order of disassembly and assembly

■ Caution

1. Do the disassembling and assembling camera where the blocking static electricity mat is on the table.
2. When handling the major PCBs of camera, please wearing the band which cuts off the electric current on the wrist.
3. When handling the major parts, be careful of below caution.

Parts	Caution
F PCB type	When assembling the F PCB to the CONNECTOR by using pincette, be careful of tearing and hooking.
CCD CCD & IR CUT	Be careful of the handprinting while handling them. Using the pincette which has soft tip. The spot will be shown by using normal alcohol when cleaning them. Do the repairing where is no dust.
PCB type	Wearing the band which cuts off the electric current and do the repairing Where the blocking static electricity mat is on by preventing the defect of parts.
CONTACT type	Be careful of defect and change by pincette.

VI. SERVICE INFORMATION

■ Disassembling the Camera

1. Remove the 2 screws.



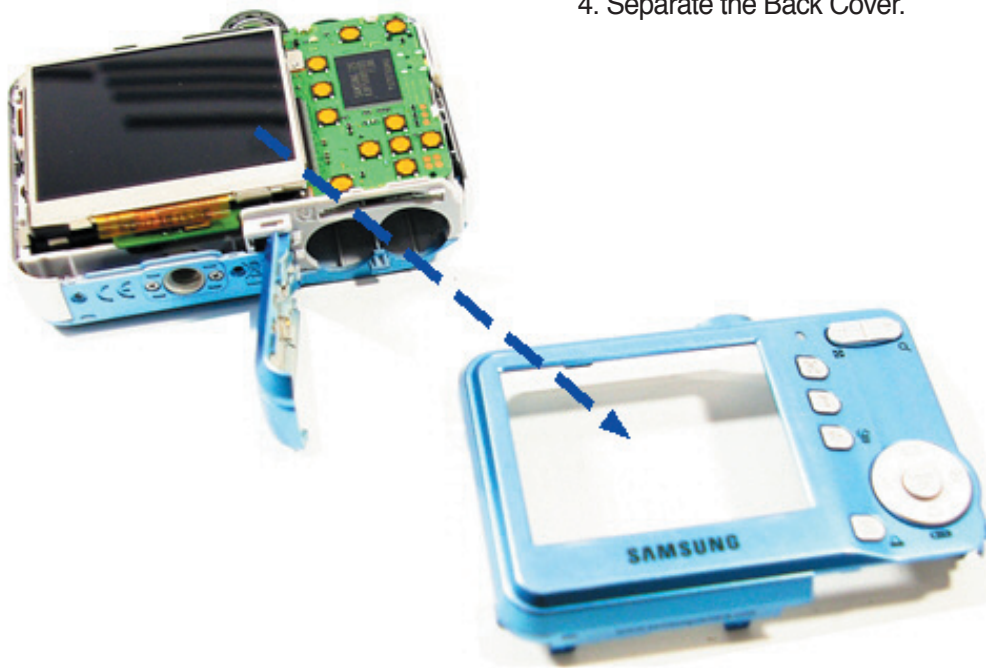
2. Remove the 2 screws.



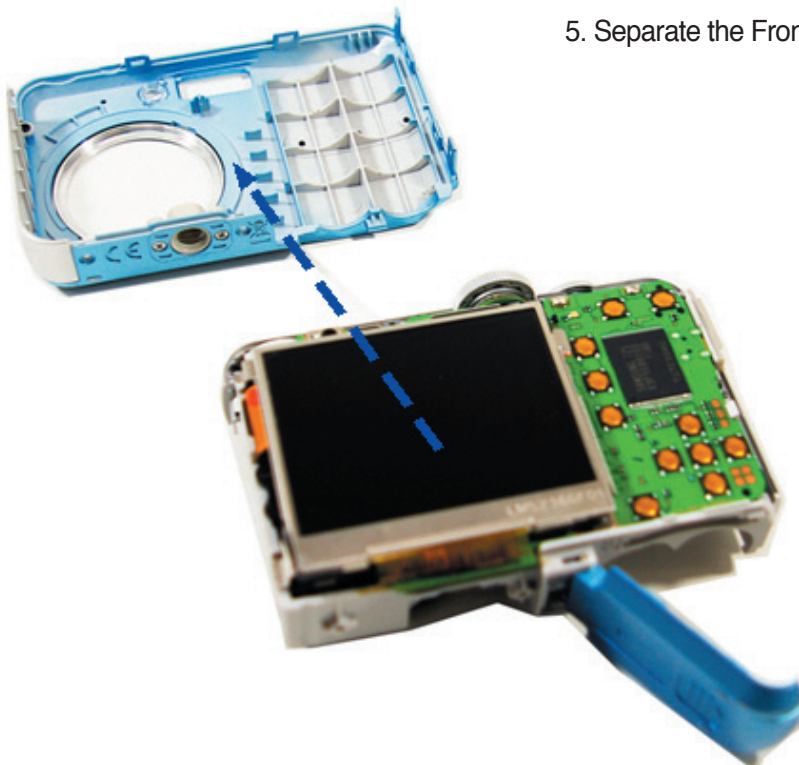
3. Remove the 2 screws.



4. Separate the Back Cover.

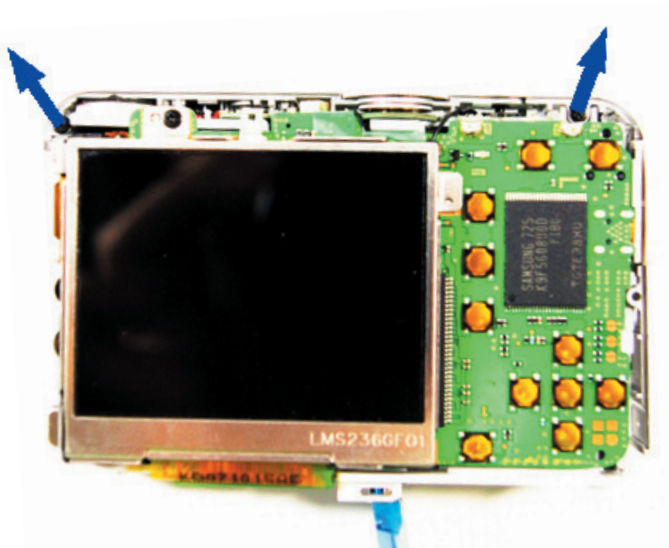
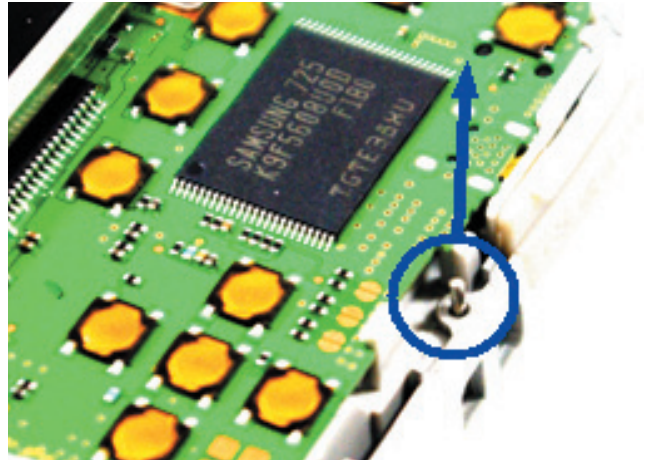


5. Separate the Front Cover.



VI. SERVICE INFORMATION

6. Separate the Belt Pin.



7. Remove the 2 screws.

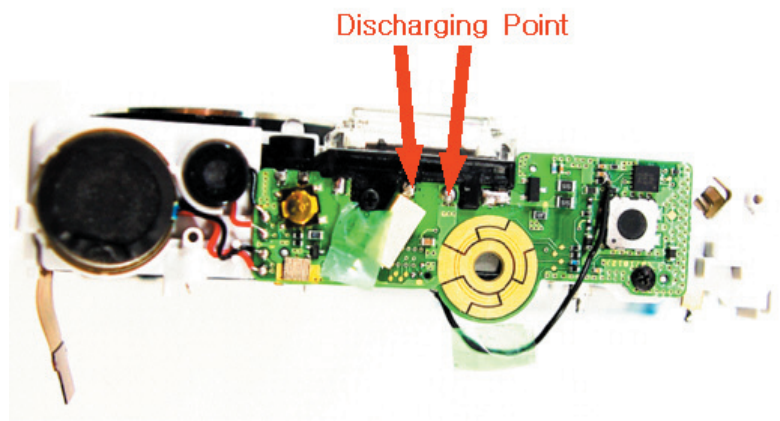
8. Separate the Top Cover.



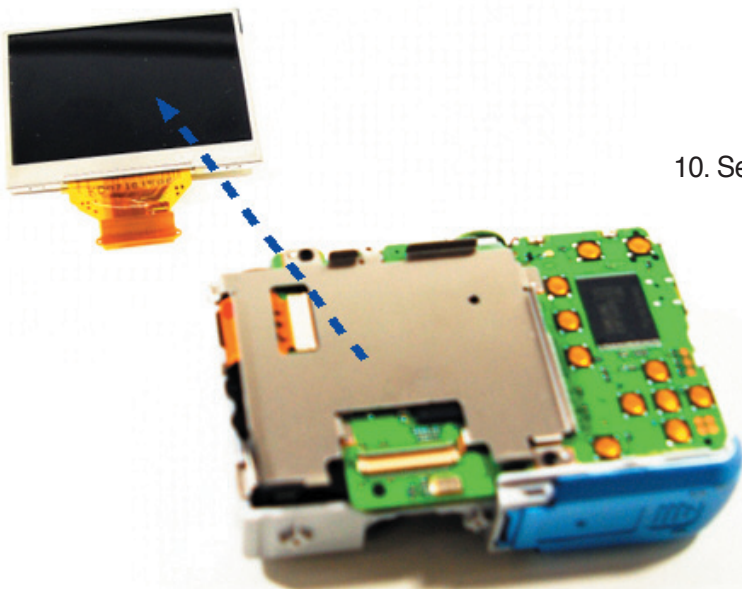
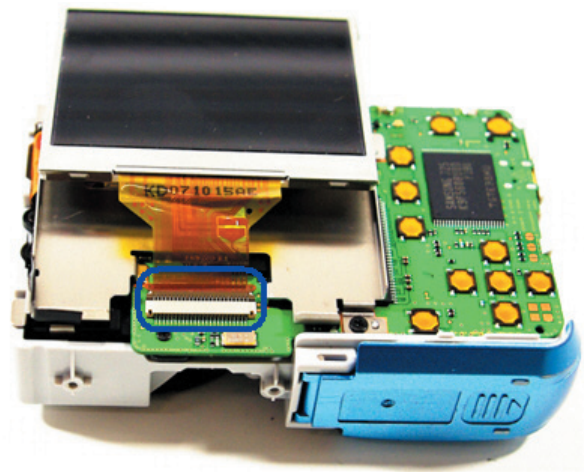


Caution

- **Discharge Point:**
Discharge to the main condenser as shown by the figure below.



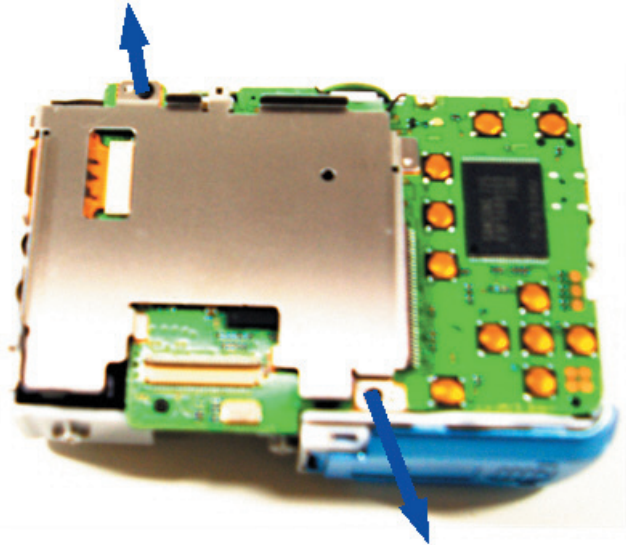
9. Separate the LCD PCB from the connector.



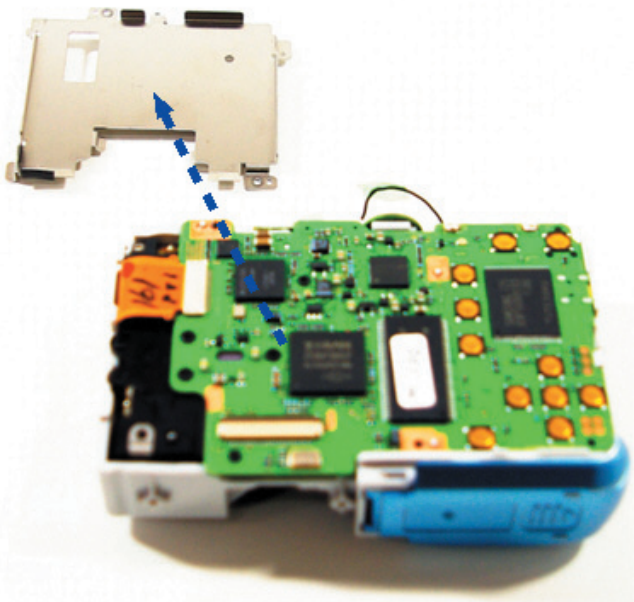
10. Separate the LCD Assy.

VI. SERVICE INFORMATION

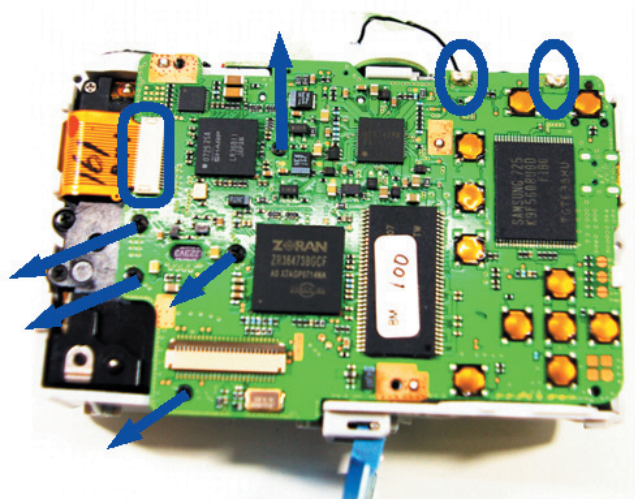
11. Remove the 2 screws.



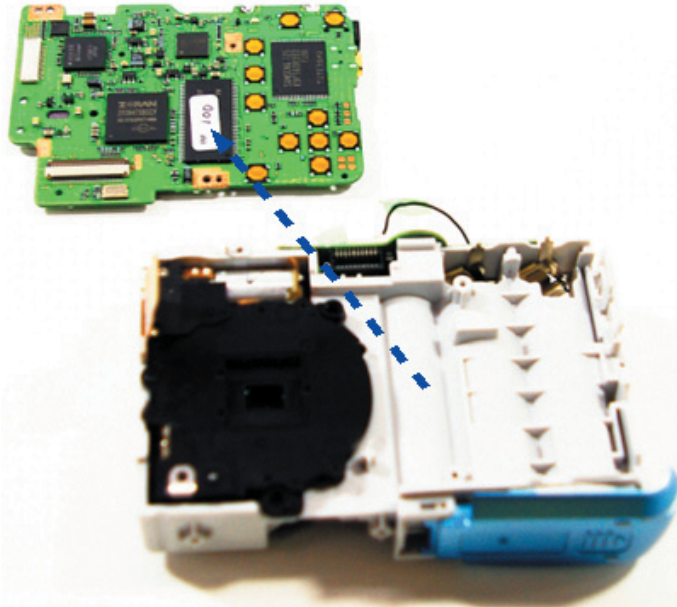
12. Separate the LCD Assy plate.



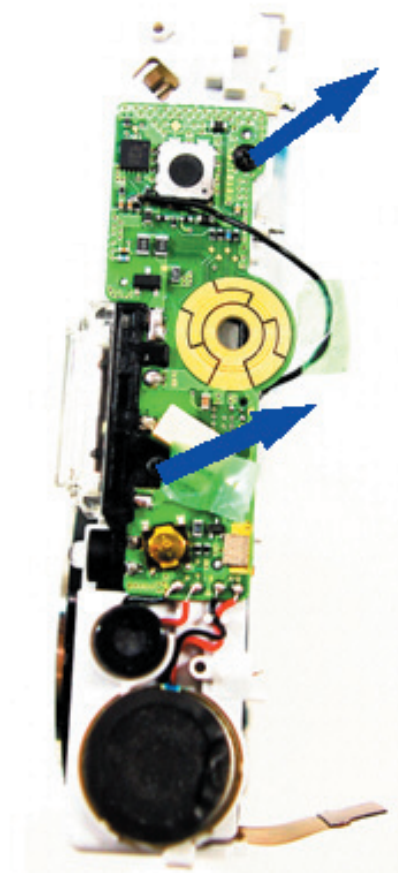
13. 1> Disconnect the Barrel Assy.
PCB from the connector and remove
the three screws on the CCD Assy.
2> Remove the two screws on the main
PCB Assy.
3> Remove the soldering on connector
2 of the battery armature.



14. Separate the MAIN PCB Assy.

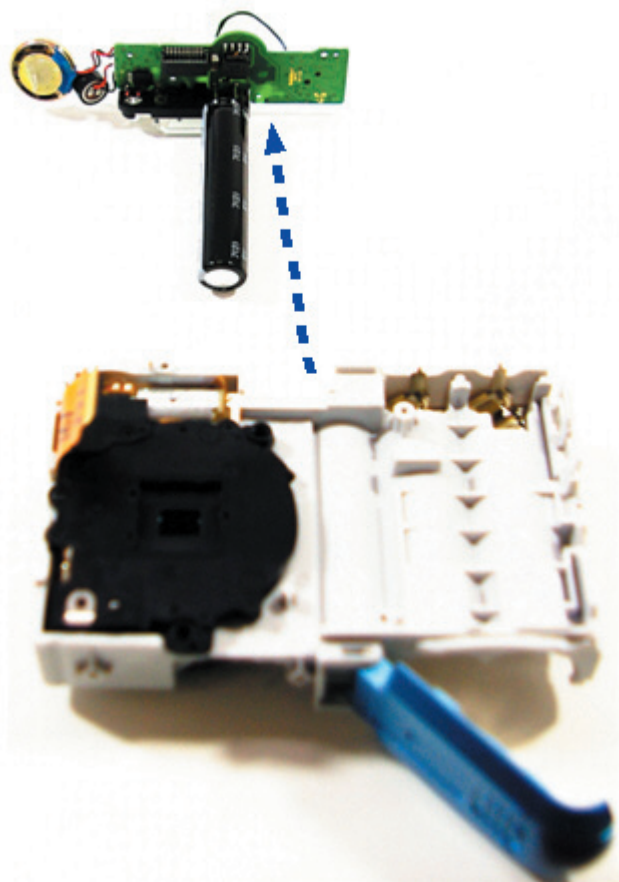


15. Remove the 2 screws.

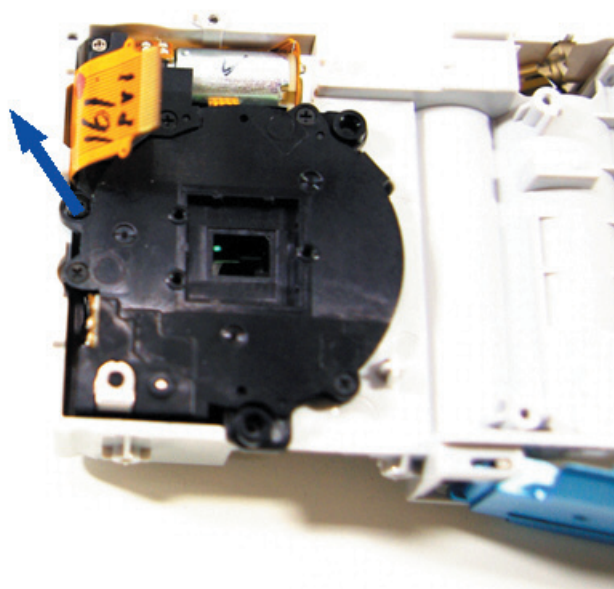


VI. SERVICE INFORMATION

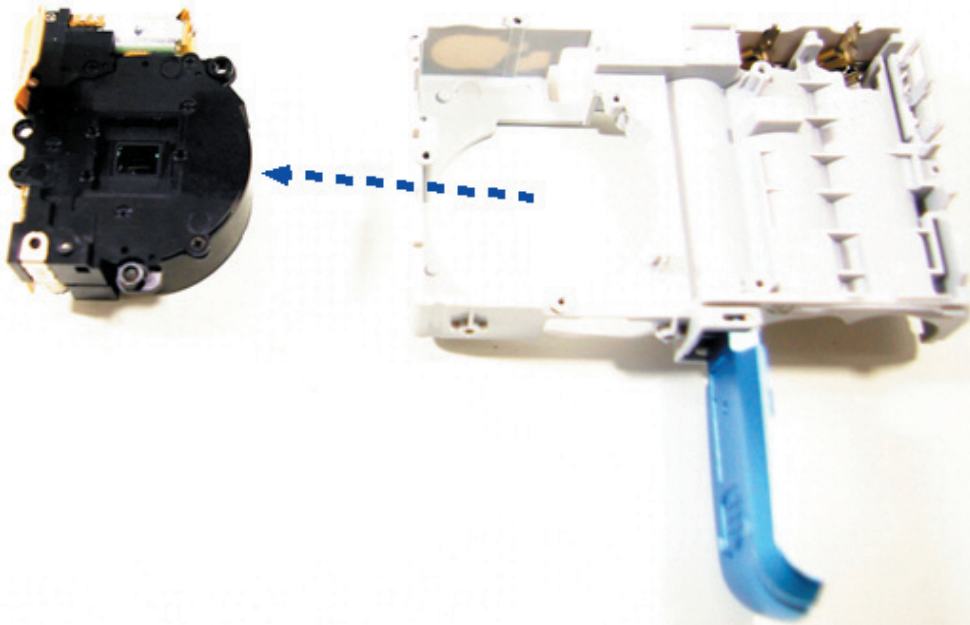
16. Separate the Flash PCB Assy.



17. Remove the screw.



18. Separate the barrel Assy.



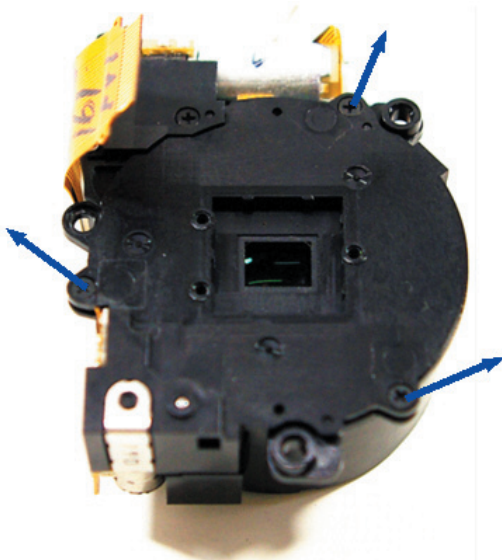
VI. SERVICE INFORMATION

■ Disassembling the Barrel

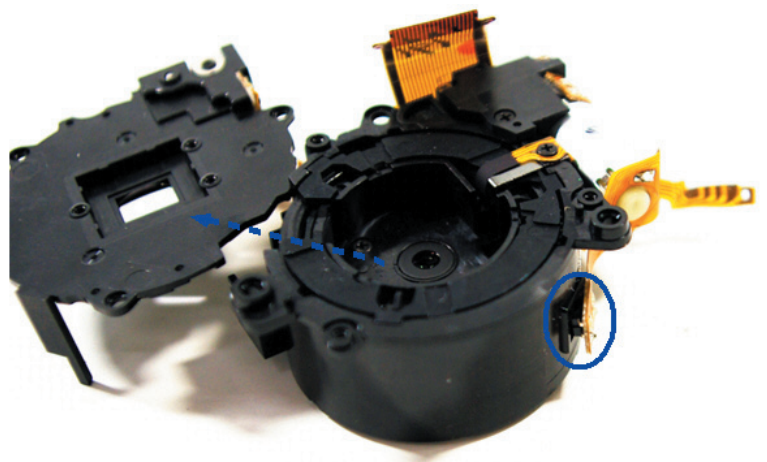
1. Unsolder the shutter PCB.



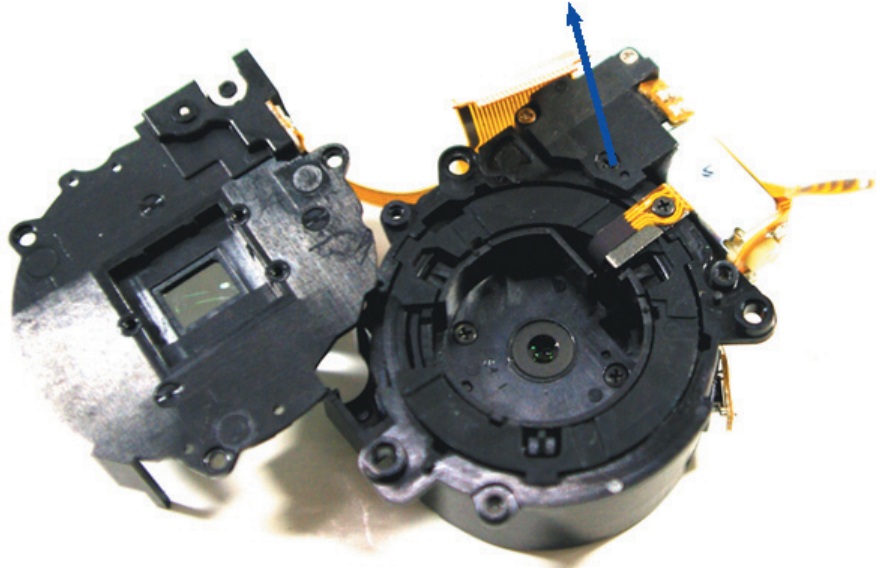
2. Remove the 3 screws.



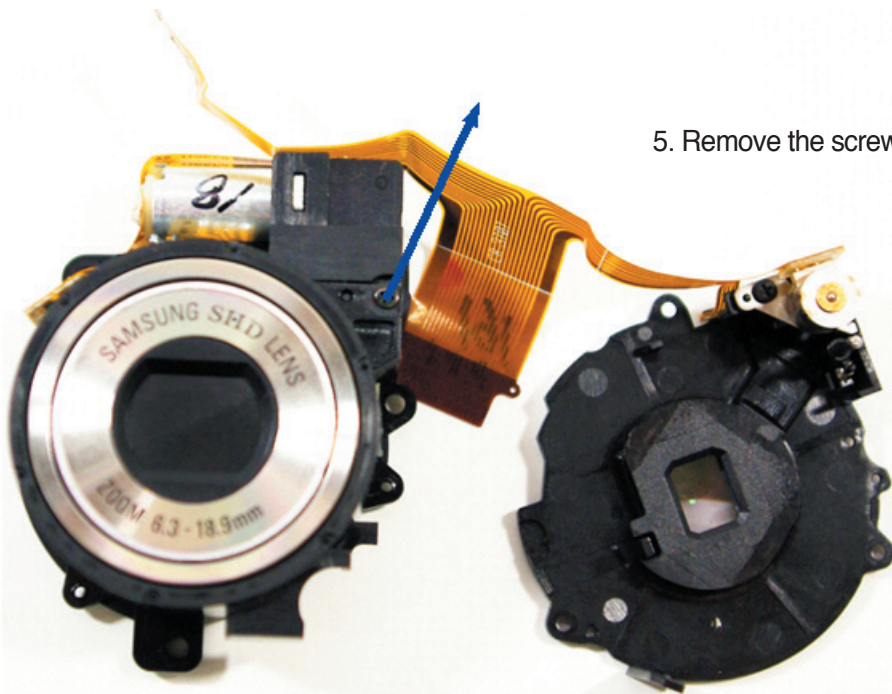
3. Lift the Lens Base Assy. and the Zoom Position Sensor as well.



4. Remove the screw from the zoom gearbox.

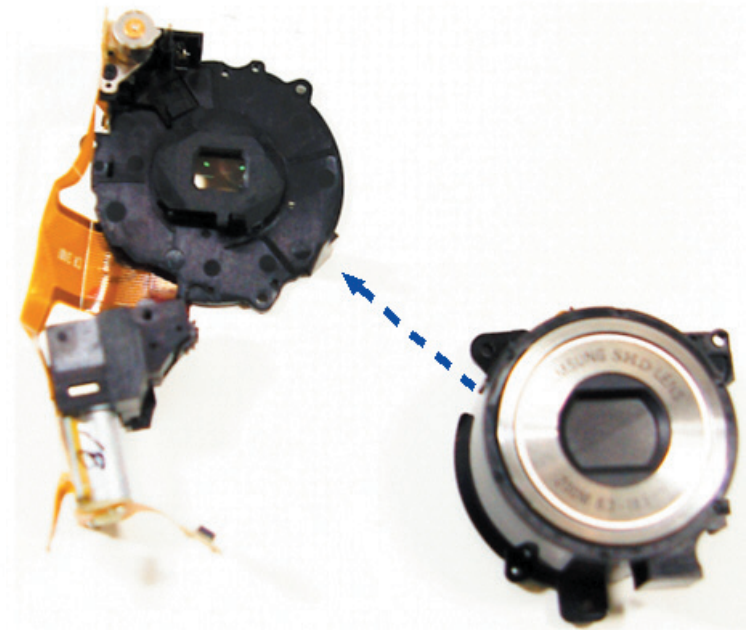


5. Remove the screw on the front of the zoom gearbox.

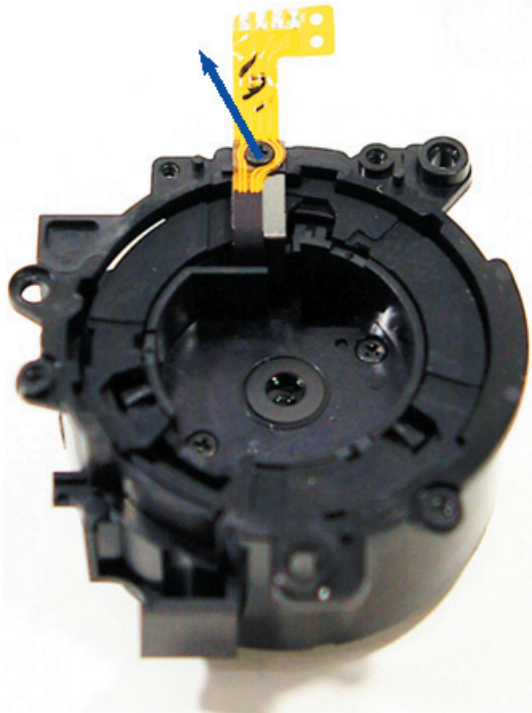


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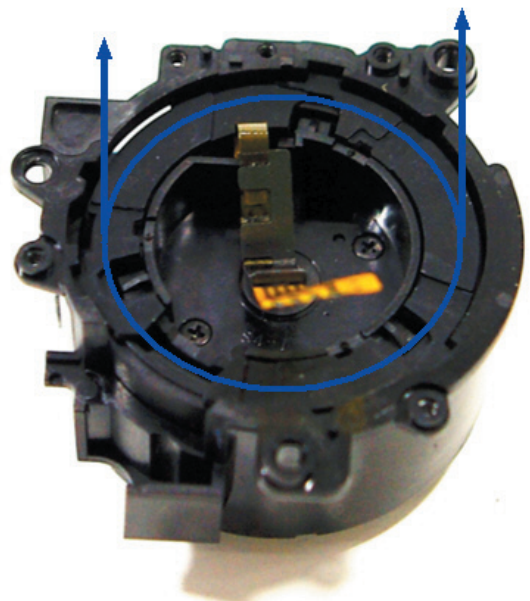
6. Remove the Lens Base Assy. completely.



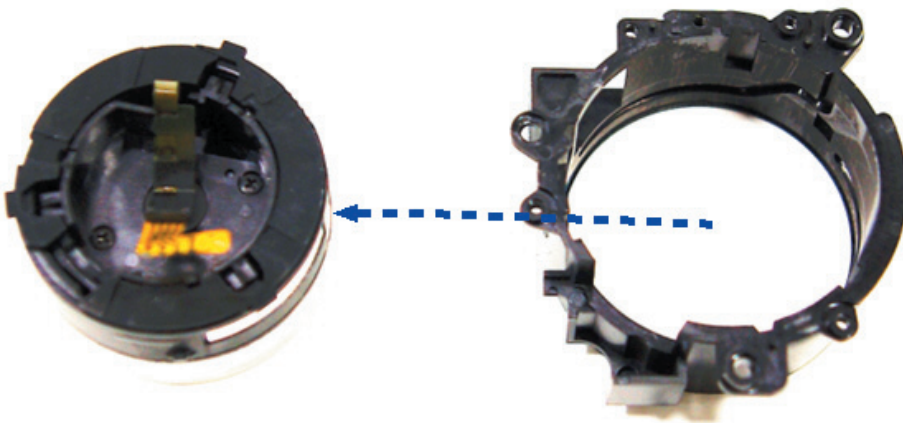
7. Remove the screw fixing the Shutter PCB.



8. Separate the Outer Guide Barrel with reference to the part circled in blue as shown below.

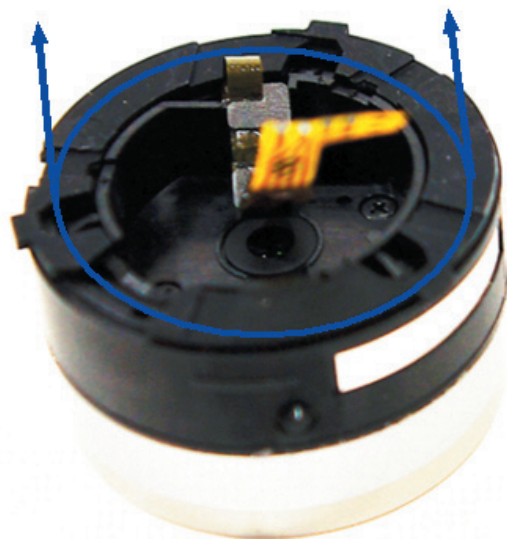


9. Separate the Outer Guide Barrel with reference to the part circled in blue as shown below.



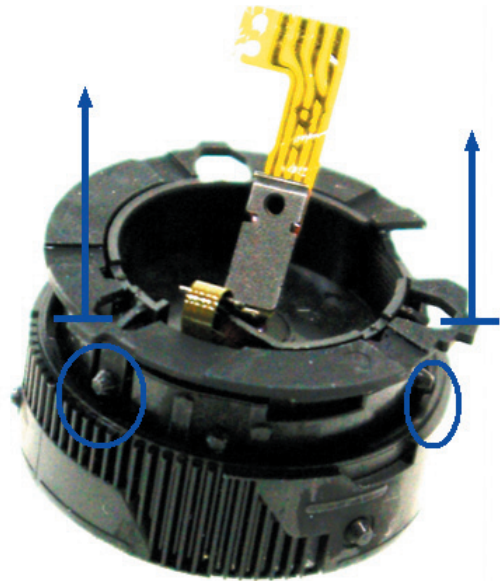
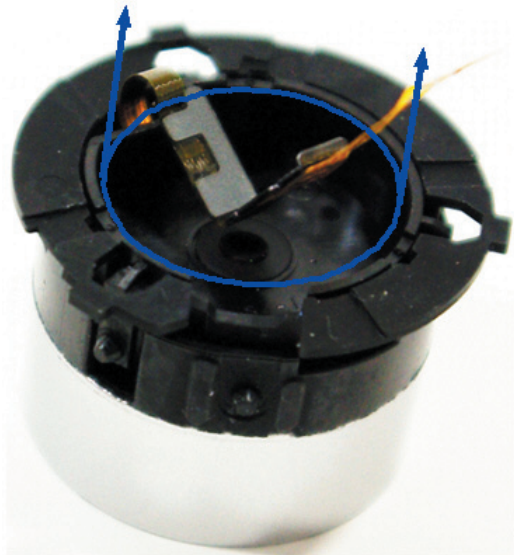
10. Separate the Outer Guide Barrel.

11. Separate the Inner Cam Barrel Assy with reference to the part circled in blue as shown below.

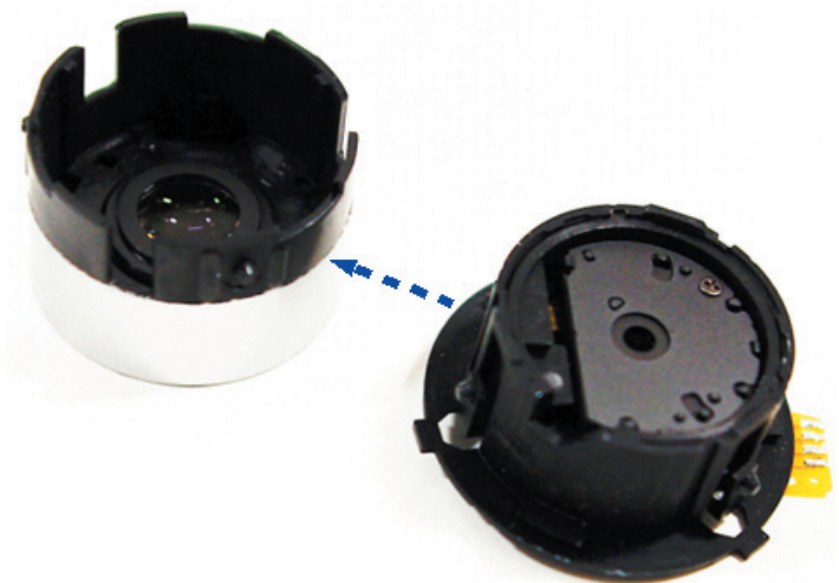


VI. SERVICE INFORMATION

12. Separate the Inner Cam Barrel Assy with reference to the part circled in blue as shown below.

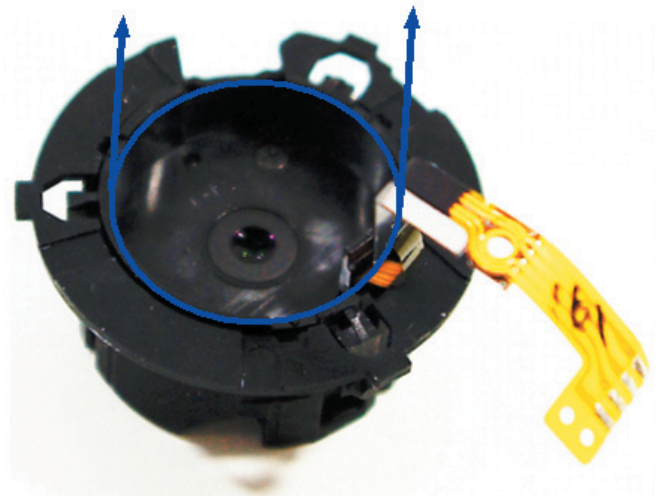


13. Separate the Lens Cap Assy with reference to the part circled in blue as shown below.



14. Separate the Lens Cap Assy.

15. Separate the Shutter Assy with reference to the part circled in blue as shown below.



16. Separate the Shutter Assy.

